

DAM AND LEVEE **FAILURE EVACUATION** **PLAN**



San Luis Obispo County
Office of Emergency Services

REVISED:

September 2002
August 2007 (Admin Revision)
July 2008
March 2011 (Admin Revision)
March 2013 (Admin Revision)
February 2015
February 2016

PLAN ADOPTION

This is the official San Luis Obispo county plan for responding to dam or levee failures at locations identified in this document. The Plan's responsibilities and authorities are effective as indicated below. The plan will be reviewed annually or as appropriate, such as after emergency incidents. Updates which are not related to County of San Luis Obispo policies will be coordinated and completed by the County Office of Emergency Services in conjunction with other affected county departments and jurisdictions, including County Public Works.

As this plan is intended to provide overall emergency management coordination, jurisdictions and agencies with specific operational and field response duties are encouraged to develop procedures, as necessary, to supplement this document.

Original signed by Shirley Bianchi on September 10, 2002

Chair, Board of Supervisors
County of San Luis Obispo

PREFACE

This Plan is formally a part of the San Luis Obispo County Emergency Operations Plan, as an annex. Overall information on the county's emergency response organization is included in the Emergency Operations Plan. This Dam and Levee Failure Evacuation Plan contains information specific to actions that may be necessary in the event of a problem with a dam or levee and supplements the Emergency Operations Plan.

As an overall emergency management and coordination document, this plan generally does not address specific field response actions by public safety, public works, and related agencies. Agencies responsible for specific field response actions and other duties should develop and/or maintain response plans and/or procedures specific to their roles. Such plans and/or procedures should be consistent with this document and with the National Incident Management System (NIMS) and the Standardized Emergency Management System (SEMS), including the Incident Command System (ICS).

PLAN INFORMATION FOR PUBLIC AGENCIES ONLY

This copy of the plan contains private and/or confidential information. As such, this copy is for public safety and related public agency use only. For a redacted copy of this plan, please contact San Luis Obispo County OES.

REVISION PAGE

DESCRIPTION	DATE
Original Plan	February 1987
Complete Revision	April 1991
Administrative Revisions (phone numbers and name changes)	September 1996
Complete Revision	September 2002
Administrative Revisions (phone numbers and name changes/references such as AT&T to SBC, Phillips 66 to ConocoPhillips, and minor format corrections)	March 2005
Administrative Revision	August 2007
Revision to add levees and general minor updates overall	April 2008
Administrative update, changes to Arroyo Grande Creek Checklist and EAS messages	March 2011
Administrative Revision	March 2013
Revision to include reformatting and closer alignment with ICS.	February 2015
Administrative Revision; Minor revisions to Section 11, formatting of overall plan.	February 2016

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DUPLICATION QUANTITY [32]

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PART 1: INTRODUCTION**1.1 PURPOSE**

The primary purpose of this plan is to establish and define emergency management procedures and organizational response for overall coordination of public protective public actions that may be needed in the event of failure at one of the following dams or levees. General overview maps of potential inundation areas in the event of a failure can be found for each of the dams listed below in sections near the end of this plan.

- Lopez Dam

[REDACTED]

- Righetti Dam

[REDACTED]

- Salinas Dam (Santa Margarita Lake)

[REDACTED]

- San Antonio Dam

[REDACTED]

- Terminal Dam

[REDACTED]

- Twitchell Dam


[REDACTED]

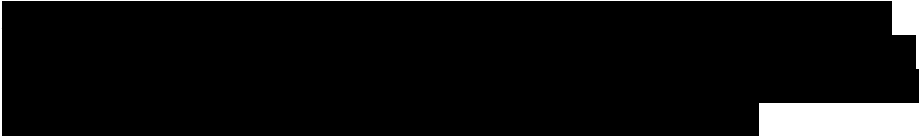
- Santa Maria River Levee

[REDACTED]

- Nacimiento Dam

- 
- Whale Rock Dam

- 
- Arroyo Grande Creek Levee



A secondary purpose of this plan is to establish logistical support guidelines for response actions in support of Monterey County in the event of dam failure at Nacimiento Dam or San Antonio Dam as well as related response issues in San Luis Obispo County.

This plan may also be used as a guideline for responding to actual or potential problems with smaller dams or levees not covered by or included in this document (certain dams may not be included due to State guidelines, such as smaller size and/or no known threats to human improvements).

As an overall emergency management and coordination document, this plan generally does not address specific field response actions by public safety, public works, and related agencies. Agencies responsible for specific field response actions and other duties should develop and/or maintain response plans and/or procedures specific to their roles. Such plans and/or procedures should be consistent with this document and with the National Incident Management System (NIMS) and Standardized Emergency Management System (SEMS).

1.2 OBJECTIVES

The objectives of this plan are:

- 1.2.1 Provide an overview of the threat posed by the dams covered in this plan
- 1.2.2 Provide an overview of the threat posed by the levee covered in this plan
- 1.2.3 Define and explain initial emergency organizational responses to a dam or levee failure
- 1.2.4 Establish guidelines under which the county and allied emergency organizations can operate upon notification of a potential or actual failure of one the dams or the levees in this plan
- 1.2.5 Provide initial response guidance to members of the county emergency organization

1.3 AUTHORITIES

- 1.3.1 California Government Code (Chapter 7, Div. 1, Title 2) Section 8550 et seq. "California Emergency Services Act."
- 1.3.2 San Luis Obispo County Code (Ord. No. 1384) Chapter 2.80 - Emergency Organization and Functions.
- 1.3.3 San Luis Obispo County Emergency Operations Plan

1.4 PLAN ORGANIZATION

This plan is a component of the San Luis Obispo County Emergency Operations Plan (EOP). Many response actions will be based on the use of EOP supporting documents such as Standard Operating Procedures (SOPs) for positions that will be staffed in the County Emergency Operations Center (EOC).

As an emergency management plan, this document generally does not address specific field response actions by public safety, public works, and related agencies.

The Dam and Levee Failure Evacuation Plan is made up of an administrative portion, hazard specific sections and various attachments. The administrative portion contains an overview of the plan, hazard assessment, explains the planning basis for development of the plan, provides an overview of the emergency management system, and explains the concept of operations.

The sections and attachments provide guidance for initial response actions, pre-scripted public information messages, basic inundation maps, and related information.

The sections are intended to be used as initial response guides for the County Sheriff's Department, County Office of Emergency Services, and allied agency personnel.

Follow up and more specific response actions for personnel who will be staffing the County Emergency Operations Center (EOC) are detailed in various Standard Operating Procedures (SOPs) developed for many of the EOC positions that will be staffed to manage the county's response effort. These SOPs are contained in separate documents and are not included with this plan.

1.5 PLAN JURISDICTION

While this plan covers responses within the unincorporated area of San Luis Obispo County, the county also fills the role of Operational Area Coordinator for interagency coordination in certain emergency circumstances, mutual aid and related resources requests, and related functions as described in the State of California's Standardized Emergency Management System (SEMS) regulations.

The Operational Area Coordinator role involves coordinating interagency and multi-jurisdictional response in a number of circumstances, such as responding to a potential or actual dam or levee failure. The role of Operational Area Coordinator also includes obtaining situation status and resource requests from cities and other entities in the county. As such, when County OES, Public Works or the Sheriff's Department is notified of a potentially imminent or actual dam failure to one of the dams or levees listed in this plan, the county may take a role in coordinating the multi-jurisdictional emergency management response under the provisions of this plan, and the County Emergency Operations Plan.

1.6 COMMON ACRONYMS

The following common acronyms are used in this plan and/or related documents:

ARES	Amateur Radio Emergency Services
ARC	American Red Cross
BAG	Basic Activation Guide (initial response guidelines for OES)
Cal Fire	California Department of Forestry and Fire Protection
CHP	California Highway Patrol
CCC	California Conservation Corps
COE	County Office of Education
DAC	Disaster Application Center
DOC	Department Operations Center
EAS	Emergency Alert System
ESC	Emergency Services Coordinator
ESD	Emergency Services Director
EOC	Emergency Operations Center
EWS	Early Warning System Sirens
IAC	Interagency Coordination
IC	Incident Commander
ICS	Incident Command System
NIMS	National Incident Management System
OA	Operational Area
OES	Office of Emergency Services (Cal OES or County OES)
PIO	Public Information Officer
PA	Public Address System
PSAP	Public Safety Answering Point (9-1-1 answering center)
PW	Public Works
R911	Reverse 911
RACES	Radio Amateur Civil Emergency Service
SHWC	Sheriff's Watch Commander
SWC	State Warning Center
SEMS	Standardized Emergency Management System
SD	Sheriff's Department
USACE	United States Army Corps of Engineers
USCG	United States Coast Guard

PART 2: HAZARD ASSESSMENT**2.1 AREA DAMS and LEVEES**

The dams and levees specifically noted in this plan are: Lopez, Righetti, Salinas, San Antonio, Terminal, Twitchell, Whale Rock, Nacimiento, the Arroyo Grande Creek levee, and the Santa Maria River levee.

While Nacimiento Dam is located within the county of San Luis Obispo, the responsibility for planning for failure of that dam rests with its operator, Monterey County. However, it is possible that flood waters due to a failure of Nacimiento Dam could impact the community of San Miguel. As a result, information is included in this plan related to that possibility.

Although San Antonio Dam lies within Monterey County, it is believed that there could be some impact to structures and other improvements within the portion of the potential inundation area that is located in San Luis Obispo County.

2.1.1 Lopez Dam

At full capacity, Lopez Reservoir contains 49,388 acre feet of water behind an earth filled dam constructed in 1969. A project to increase the dam's strength to withstand an earthquake took place in 2001-2002. Lopez Dam is owned and operated by San Luis Obispo County Flood Control and Water Conservation District.

In the event of complete dam failure, water is expected to flow in a westerly direction, following the channel of Arroyo Grande Creek, approximately 3,000 feet in each direction of the centerline of the creek. Potential major impact to life and property in the communities of Arroyo Grande, Grover Beach, Halcyon, Oceano and Pismo Beach is possible.

If the dam ruptured while the reservoir was at full capacity, approximately 10,000 - 12,000 residential and business occupants in the county could be affected. Special facilities affected may include Biddle Park (weekend and holiday estimated population 500+), Pismo State Beach/Oceano Campground (weekend and holiday estimated population 300+), Oceano Airport, Arroyo Grande High School, South County Sanitation District wastewater treatment plant, and Union Pacific Railroad. Roads flooded may include parts of Lopez Drive, Huasna Road at Lopez Drive, and Highway 1 in Oceano. Facilities near the mapped inundation area include Arroyo Grande Community Hospital, Harloe Elementary School, Oceano Elementary School, and care facilities for the elderly.

Using information from the year 1999 "Inundation Map Given the Hypothetical Failure of Lopez Dam", with the assumption that initial reservoir storage was at 100%, it is estimated that flood waters from the failure of the dam could reach Huasna Road in about 30 minutes and U.S. 101 in about 40 minutes.

2.1.2 Righetti Dam

At full capacity, Righetti Reservoir contains 591 acre feet of water behind an earth filled dam constructed in 1966. It is owned and operated by a private party.

In the event of a complete dam failure, water is expected to flow in a southwest direction along West Corral de Piedra Creek (approximately 200 to 1,000 feet in each direction of the centerline of the creek), dissipating at Highway 227. No major impact to life and property is anticipated.

Approximately 40 residential occupants in the county could be affected. No special facilities would be affected by a dam failure. Roads flooded may include parts of Righetti Road; Orcutt Road at Biddle Road; and Highway 227 for approximately 2,000 feet north of Carpenter Canyon Road.

2.1.3 Salinas Dam

At full capacity, Santa Margarita Lake/Reservoir, which is contained by the Salinas Dam, has 23,000 acre feet of water behind a concrete (variable radius arch) dam constructed in 1942. It is owned by the U.S. Army Corps of Engineers and operated by San Luis Obispo County Flood Control and Water Conservation District.

In the event of a complete dam failure, water is expected to flow in a northerly direction along the Salinas River approximately 300 to 500 feet in each direction of the centerline of the river, with occasional fingers in low-lying areas, up to the Atascadero area; at Atascadero, flood area widens to approximately 1,000 feet each side of the centerline of the river up to Wellsona; at Wellsona it widens to 2,000 feet each side of the centerline of the river up to San Miguel; at San Miguel it narrows slightly up to and past the Monterey County line and Camp Roberts. Much of the water will be retained in the Salinas River bed.

Approximately 1,000 to 2,000 residential and business occupants in the county could be affected. Special facilities affected may include the Union Pacific rail lines. Major roads flooded may include parts of Las Pilitas Road, State Highways 41, 46 and 58, Indian Valley Road, North River Road near Paso Robles, Highway 101, and Main Street in Templeton.

2.1.4 San Antonio Dam

At full capacity, San Antonio Reservoir contains 348,000 acre feet of water behind an earth filled dam constructed in 1965. It is owned and operated by the Monterey County Flood Control and Water Conservation District. The dam and the majority of the flood inundation area is located within Monterey County.

In the event of complete dam failure, primary flooding would occur in Monterey County, and only one small pocket within San Luis Obispo County would pose a potential risk to county residents.

Approximately 3 to 7 residential occupancies in the county could be affected. There are no special facilities. Roads flooded may include parts of Nacimiento Lake Drive (G19), a county road.

2.1.5 Terminal Dam

At full capacity, Terminal Reservoir contains 844 acre feet of water behind an earth filled dam constructed in 1969. It is owned and operated by the County Flood Control and Water Conservation District.

In the event of a complete dam failure, water is expected to flow in a southerly direction, following the channel of Arroyo Grande Creek (approximately 300 to 1,000 feet in each direction of the centerline of the creek) for approximately 2.5 miles. No major impact to life and property is anticipated.

Approximately 15 to 20 residential occupants could be affected. No special facilities would be affected by a dam failure. Roads flooded may include parts of Lopez Drive and Cecchetti Road.

2.1.6 Twitchell Dam

At full capacity, Twitchell Reservoir contains 240,100 acre feet of water behind an earth filled dam constructed in 1958. It is owned by the Bureau of Reclamation and operated by the Santa Maria Valley Water Conservation District.

In the event of a complete dam and levee failure, primary flooding would occur in Santa Barbara County, and only a few pockets within San Luis Obispo County would pose a life safety risk to county residents. These pockets, located in the southern part of the Oso Flaco area, would not pose a major impact to life and property.

Approximately 100 to 160 residential and business occupants in the county could be affected. Special facilities affected may include the Union Pacific Railroad, and Oso Flaco Lake Park. Major roads flooded would include portions of Highway 1 near the County line.

2.1.7 Whale Rock Dam

At full capacity, Whale Rock reservoir contains 40,600 acre feet of water behind an earth filled dam constructed in 1960. It is owned by the Whale Rock Commission and operated by the city of San Luis Obispo.

In the event of a complete dam failure, water is expected to flow in a southwesterly direction along Old Creek (approximately 1,000 feet in

each direction of the centerline of the creek) up to the Town of Cayucos at 13th Street and Ocean Avenue. At 13th Street and Ocean Avenue the flooding area may widen to include 3rd Street to the north and Willow Creek (Old Creek Road) to the south until it dissipates into the Pacific Ocean. Major impact to life and property to approximately one third of the community of Cayucos is anticipated.

Approximately 1,500 residential, recreational, and small business occupants could be affected. Potentially affected special facilities include the Cayucos Water Treatment Plant, the cemetery and a fiber optic line in the area. Major roads flooded may include portions of Highway 1.

2.1.8 Nacimiento Dam

When Nacimiento Lake is full, it has a maximum storage capacity of 377,900 acre feet of water behind the earth filled Nacimiento Dam. Construction of the dam was completed in 1957. It is owned and operated by Monterey County.

The Nacimiento River flows 12 miles from the dam to the confluence with the Salinas River. The Salinas River carries the Nacimiento Dam releases to the Pacific Ocean through the Salinas Valley. The trip is approximately 110 miles from the Nacimiento/Salinas confluence.

About one mile of private property is located adjacent to the Nacimiento River below the dam. One vacation home is on this private property near the river. The remaining property, Camp Roberts, is owned by the U.S. Army and leased to the California National Guard, and contains no permanent residential structures near the river. The community of San Miguel and surrounding areas could receive minor flooding.

During a major flood event, Highway 101 will experience flooding from Camp Roberts through San Ardo. The normal access to Nacimiento Dam via the southerly Jolon Road Exit would be flooded in about two hours.

While most of the flood waters would flow north in and along the Salinas River in Monterey County, some flood waters would flow south toward the community of San Miguel. According to the Monterey County Emergency Action Plan for Nacimiento Dam, the estimated flood elevation will be 620 feet above sea level in San Miguel. The approximate elevation of San Miguel is 620 feet above sea level.

The estimated flood arrival time in San Miguel due to a failure of Nacimiento Dam is about one hour and forty-five minutes, with the peak arrival time estimated to be two hours and thirteen minutes. The time estimated to de-flood is three hours and forty-six minutes.

2.1.9 Arroyo Grande Creek Levee

Arroyo Grande Creek drains a 157 square mile watershed located in west-central San Luis Obispo County. The main stem of Arroyo Grande Creek flows through the communities of Arroyo Grande and Oceano and is an important regional waterway for the communities of Arroyo Grande, Grover Beach, Oceano, Pismo Beach, and Avila Beach.

The lower Arroyo Grande Creek floodplain, or Cienaga Valley, is especially vulnerable to flooding because it lies at the downstream, lower gradient terminus of the large watershed. In the 1950s, severe flooding from Arroyo Grande Creek resulted in inundation of prime farmland in the Cienaga Valley with significant impact to existing infrastructure. To reduce future economic impacts to the agricultural economy and the growing urban and rural residential population, the community organized the Arroyo Grande Creek Flood Control Project. The main feature of the project was a levee system and trapezoidal channel that confined Arroyo Grande Creek in levees from its confluence with Los Berros Creek downstream to the Pacific Ocean. Runoff from Pismo Lake, traveling through Meadow Creek, enters Arroyo Grande Creek through a pair of flap gates near the Pismo Dunes State Vehicular Recreation Area. The project was completed in 1961 in order to protect homes and farmland in the Cienaga Valley.

The Arroyo Grande Creek Flood Control Project was constructed to convey the design capacity of 7,500 cubic feet per second (CFS) with 2 feet of freeboard. The originally constructed channel was believed to provide flood protection from a storm with over a 50 year recurrence interval.

Due to challenges in maintaining the channel, such as inadequate funding and regulatory requirements, the channel has lost significant capacity since it was originally constructed. Although the maintenance efforts are improving since assessments were approved in July 2006 to pay for maintenance on the channel, the existing capacity of the channel is estimated to be 2,500 CFS providing flood protection from a storm with only a 4.6 year recurrence interval. This means that the channel has the probability to overtop once every 4.6 years.¹

Under the existing conditions, the channel will most likely initially overtop the south levee between Highway 1 and the 22nd Street bridges.

The local threat of flood related damage is primarily confined to low-lying areas less than 50 feet above mean sea level that are immediately adjacent to the Arroyo Grande Creek levees. If the gradient is shallow, flood waters can spread over a large area. The primary effects of a flood

¹ Arroyo Grande Creek Erosion, Sedimentation, and Flooding Alternative Study, prepared by Swanson Hydrology and Geomorphology, January 4, 2006

can be destruction and damage to low-lying areas. In March 2001, during a high intensity rain event, the Arroyo Grande levee system was breached on the south side between the mouth and the Union Pacific railroad bridge.

Hundreds of acres of farmland and several residences were flooded in the Cienaga Valley. Impacts from the flooding persisted beyond the winter season as many of the areas with clay soils located in the southern portion of the valley remained saturated for many months. The northern levee remained intact, thereby protecting several residential developments, as well as the regional wastewater treatment plant that services the communities of Arroyo Grande, Oceano, and Grover Beach. Should the north levee have overtopped or breached, risk to human life would have been a threat.

Special facilities of concern include the South County Sanitation District's waste water treatment plant and the Oceano Airport. The plant and the airport are located immediately adjacent to the north levee of the channel between the mouth of Arroyo Grande Creek and the Union Pacific railroad bridge.

Damage from flooding due to the levee overtopping or breaching could range from minor to major property loss and death. Damage to roadways, communication systems, public services and infrastructure, along with emergency response and medical service can be expected.

Consequential damage could include electrical equipment being flooded, in turn resulting in a shock hazard; downstream flash flooding resulting in persons being caught in rapidly moving water; sewage systems could be flooded resulting in possible overflow conditions and a disruption of normal water supplies to the public.

The areas most at-risk from flooding are those areas immediately adjacent to the channel and within the 100-year flood plain. Those areas most likely to be inundated have been identified on the maps found elsewhere in this document.

2.1.10 Santa Maria River Levee

The Santa Maria River levee runs along the same area of the river as would be affected by a failure of Twitchell Dam. As such, the same procedures to be used for a Twitchell Dam failure can be used in the event of a Santa Maria River levee break.

The Santa Maria River levee was designed and built by the U.S. Army Corps of Engineers from 1959 to 1963 and is owned and operated by the county of Santa Barbara Department of Public Works' Flood Control District. The levee is built of river sand. The portion of the levee facing the river is covered with a layer of rock.

Following the Hurricane Katrina disaster the Army Corps of Engineers began a systematic assessment of flood control structures and facilities throughout the United States to measure their risk of potential failure. After their assessment of the Santa Maria River Levee, in March 2006, the Army Corps of Engineers placed the Santa Maria River Levee on the nationwide list of levees at risk of failure and declined to certify that it could withstand a 100-year flood.

The Flood Control District of the County of Santa Barbara is the lead agency responsible for the levee.

2.2 OVERALL POTENTIAL EFFECTS

The effects of a dam or levee failure and resulting flooding can range from minimal damage to heavy damage with injuries and possible fatalities. These potential effects could result in extensive and relatively long term recovery efforts. Some indirect effects could include:

- Injuries
- Hospital disruptions
- School disruptions
- Hazardous material releases
- Fires
- Need for short term or longer evacuations
- Utility disruptions (including gas, electric, water, and sanitation)
- State highway disruptions
- County road disruptions
- Traffic management problems
- Communication disruptions
- Need for emergency public information
- Need to assist displaced residents
- Need for building inspections
- Disease and health hazards

PART 3: PLANNING BASIS**3.1 GUIDANCE**

The guidance used in the development of this plan is not from any one source but rather is based on a variety planning concepts. These include the County Emergency Operations Plan (EOP), state guidelines for the development of emergency plans, and the Federal Emergency Management Agency's (FEMA) Guide for the Development of State and Local Emergency Operations Plans. This plan is consistent and compatible with the plans of other jurisdictions within the San Luis Obispo County Operational Area, State emergency plans, the National Incident Management System (NIMS) and the Standardized Emergency Management System (SEMS) regulations.

This plan is also consistent with the National Response Framework.

3.2 CENTRALIZED COORDINATION

This plan is based on centralized coordination of emergency operations. While local control of response resources and components in various jurisdictions would remain in effect within the Operational Area, overall coordination of response efforts should be maintained through a centralized system, even as the response effort escalates to a multi-jurisdictional level. Centralized emergency management coordination can be done from the County Emergency Operations Center (EOC) and/or related locations, such as Department Operations Centers or other local EOCs, and will involve coordinating with jurisdictions and agencies throughout the OA.

To assist with centralized coordination, the County EOC is staffed by private and quasi-private entities in addition to appropriate public agency staff. This includes the American Red Cross, AT&T, Southern California Gas Company, and Pacific Gas and Electric Company.

Since this plan is an overall emergency management and coordination document, it does not provide specific response actions for field response. Agencies and jurisdictions which may have a role in the event of failure of a dam should develop procedures for their roles and responsibilities.

3.3 FACILITIES

The County EOC, or a related facility, should serve as the central point for coordination of the county's and the Operational Area's emergency response operation. The County EOC is located approximately five miles west of San Luis Obispo, near Camp San Luis Obispo.

Additional County and OA functions may be accomplished at Department Operations Centers (DOC) and through the Cal Fire/SLO County Fire Emergency Command Center at County/Cal Fire headquarters. DOCs are operated by individual agencies at various locations and coordinate between the EOC and field operations for emergency response activities that fall under their

responsibility. For example, DOCs are located with the County Health Agency, County Public Works Department, County Department of Social Services, County Office of Education, and other locations as needed.

3.4 COMMUNICATIONS

Other than those systems directly affected, most, if not all, standard communications systems are expected to remain intact after a dam or levee failure and will be used to coordinate response and recovery between agencies.

This includes public agency radio communication systems, commercial and dedicated phone lines, radio systems, cellular, and satellite phone systems. Additional communications support may be provided by the Radio Amateur Civil Emergency Services (RACES) organizations, which are coordinated through the County's Information Technology Department, Communications Division.

PART 4: EMERGENCY MANAGEMENT

The county of San Luis Obispo uses the National Incident Management System (NIMS) and California's Standardized Emergency Management System (SEMS) as part of its' emergency management and response operations. NIMS and SEMS are primarily used during response to, management of, and coordination of multiple agency or multiple jurisdiction incidents.

In the event of a dam or levee failure within the scope of this plan, the authority to assume overall coordination and management of the emergency in unincorporated areas is vested with the County Emergency Services Director (ESD). In San Luis Obispo County, the ESD is the County Administrator. The ESD may consult with other agencies as appropriate, including Public Works, Sheriff's Department, Cal Fire/ SLO County Fire, and the area California Highway Patrol representative.

However, as is consistent with NIMS and SEMS, the appropriate jurisdictions and agencies retain command of actual direct field and related response operations.

In the event the ESD is not available, the San Luis Obispo County Emergency Operations Plan provides for alternate ESDs to take the role of overall management of the emergency.

Incorporated cities and special districts retain authority over their jurisdictions as indicated in state and local laws, regulations, and/or procedures. Cities and special districts which could be affected by this plan were provided review copies with an opportunity for input prior to adoption of this revised plan by the County Board of Supervisors.

Due to time urgency Emergency Alert System messages with evacuation information for residents of incorporated cities may be broadcast prior to the concurrence of affected incorporated cities. Cities and special districts which could be affected by this plan were provided review copies of Emergency Alert System messages, with an opportunity for input prior to adoption of this revised plan by the County Board of Supervisors.

4.1 PRIMARY COMPONENTS OF NIMS AND SEMS**4.1.1 NIMS**

NIMS is a comprehensive, national approach to incident management that is applicable at all jurisdictional levels and across function disciplines. The intent of NIMS is to be applicable across a full spectrum of potential incidents and hazard scenarios, regardless of size or complexity. It is also intended to improve coordination and cooperation between public and private entities in a variety of domestic incident management activities.

NIMS is comprised of several components that work together as a system to provide a national framework for preparing for, preventing, responding to, and recovering from domestic incidents. These components include:

4.1.1.1 Command and management, which includes the Incident Command System, Multiagency Coordination System, and the Public Information System.

4.1.1.2 Preparedness

4.1.1.3 Resource management

4.1.1.4 Communications and information Management

4.1.1.5 Supporting technologies

4.1.1.6 Ongoing management and maintenance

Additional information on NIMS can be found on the Federal Emergency Management Agency's Web site or from County OES.

4.1.2 SEMS

There are four primary components that make up the Standardized Emergency Management System (SEMS), and they are used as part of the emergency management structure for responding to problems related to dam failure. They are:

4.1.2.1 The Incident Command System (ICS), which is a specific emergency management system used primarily at the field level.

4.1.2.2 Interagency Coordination (IAC), which includes communicating and coordinating with various agencies and jurisdictions during an emergency, primarily at the EOC level.

4.1.2.3 The Master Mutual Aid Agreement, which is the master agreement and authority that allow jurisdictions to provide each other with mutual assistance during emergencies.

4.1.2.4 Operational Areas (OA), which consist of all local jurisdictions within a county geographical area working together for emergency management and disaster response issues. The OA within San Luis Obispo County is coordinated by the County, which also serves as the coordination and communication link between the OA and the State.

PART 5: CONCEPT OF OPERATIONS**5.1 INITIAL NOTIFICATION**

When any person, responsible official, or agency becomes aware of an actual or potential dam or levee failure, they should immediately call 9-1-1 if notification has not already been made, or if the person is unsure if notification has been made.

In addition, the Sheriff's Department Watch Commander needs to be immediately notified at:

[REDACTED]

Alternate notification may be made by contacting the Sheriff's Department PSAP via public agency radio communications channels or ring down lines.

Initial contact with the Sheriff's Watch Commander regarding a potential or actual dam or levee failure may come from County Public Works personnel, dam tenders, public safety officials in the field, neighboring jurisdictions, or during situation assessment after an earthquake.

5.2 VERIFICATION

Attempts should be made to verify all initial notifications of dam or levee failure if, in the opinion of the Sheriff's Watch Commander, the validity of the reporting party is in question. The Watch Commander can verify initial notifications by:

5.2.1 Dispatching County Public Works, Sheriff's Department resources or other public agency personnel near the dam or levee in question via appropriate mode of transportation (with communication) to survey the dam or levee area, including the possible use of California Highway Patrol air resources or the Sheriff's Aero Squadron.

AND/OR

5.2.2 Contacting the appropriate dam tending personnel or other responsible party (phone numbers and other contact information is listed in the attachments for each dam):

- Lopez via County Public Works (see page 30)
- Righetti via Righetti residence (see page 55)
- Salinas via County Public Works (see page 71)
- San Antonio via Salinas Communications Center (see page 88)

- Terminal via County Public Works (see page 98)
- Twitchell via Santa Barbara County OES 24 Hour Contact (see page 115)
- Santa Maria River Levee via Santa Barbara County (see page 132)
- Whale Rock via City of San Luis Obispo via SLO PD ringdown (see page 148)
- Nacimiento via Salinas Communications Center (see page 167)
- Arroyo Grande Levee via County Public Works (see page 183)

5.3 PLAN ACTIVATION

This plan should be activated by the Sheriff's Watch Commander or County OES upon receipt of notification of a potential or actual problem with a dam or levee listed in this plan. This plan may also be used as guidance for problems with smaller dams or levees not covered by this document.

5.4 SITUATION STATUS

The first priority upon plan activation is situation status reporting, which is the process of getting a complete and comprehensive summary of the damages. Initial reports on the nature of the problem are needed in order to develop an effective immediate response.

Ongoing situation reporting is crucial for determining effects from dam failure, such as location of water in stream channels, amount of flooding occurring, special rescue efforts that may be needed, and related response needs.

Situation reporting is generally divided into two components: Overall situation assessment at the EOC and situation reporting from the field. Key activities include the following.

- Conduct a situational assessment meeting or conference call including technical subject matter experts and county department representatives in order to assess the threat by taking advantage of their expertise.
- Coordinate information with local, regional, state or federal entities as needed.
- Begin media advisories to address threat and rumor control.
- ESD notifies EOC staff of timetable and staffing needs for EOC activation.

5.5 INTERAGENCY COORDINATION

Interagency Coordination (IAC) is important for ensuring effective response to a dam or levee failure or related problem. IAC allows for the exchange of information between the County EOC (acting in the role of Operational Area Coordinator) and affected jurisdictions. It is important for agencies to interact in an organized matter in order to carry out effective overall management of the incident, which in turn provides for the safety of the affected public and emergency workers.

In the case of activation of this plan IAC will generally include the County EOC and related Department Operations Centers (DOC) communicating with each affected jurisdiction in order to provide information on what is happening, what the threat is, and determining what additional resources each jurisdiction may need.

In turn, it is important for the jurisdictions to provide the County EOC and related DOCs information on their actions and making resource requests through the EOC or DOC so an overall response effort can be coordinated. This IAC allows the county to know if sufficient resources are available from the county or if mutual aid must be requested from other areas.

5.6 NATIONAL WEATHER SERVICE INFORMATION

The National Weather Service (NWS), part of the National Oceanic and Atmospheric Administration (NOAA) provides weather, hydrologic, and climate forecasts and warnings for the United States, its territories, adjacent waters and ocean areas, for the protection of life and property and the enhancement of the national economy.

NWS data and products can be used by other governmental agencies, the private sector, the public, and the global community.

NWS is the agency responsible for issuing special weather statements, advisories, watches or warnings for severe weather conditions, as well as general weather forecasts.

During storm periods, NWS may issue a flood advisory, watch, or warning.

A "Flood Advisory" indicates that flooding of small streams, streets, and low lying areas, such as railroad underpasses and urban storm drains, may or is occurring.

A "Watch" is a bulletin issued when expected rainfall could cause creeks, streams and/or rivers to overflow.

A "Warning" is the most urgent announcement of imminent or current flooding due to levee overtopping or breaching and advises locations in the warned area to prepare for flooding and/or evacuation.

The California Governor's Office of Emergency Services (Cal OES) State Warning Center (SWC) and the National Weather Service distribute weather warning information to public safety, media organizations, and directly to the public through use of the NWS weather radio broadcast.

For many "warning" level weather notifications, NWS may use both the Emergency Alert System (EAS) and the weather radio alert system to notify the public of the warning. As such, the County of San Luis Obispo recommends all residents purchase and use a weather alert capable radio. Such radios can be purchased at various retail stores or online for a relatively nominal cost.

In addition to NWS providing weather information to the public through various means, public agencies such as County OES and County Public Works, among others, monitor severe weather alerts. As a result, these agencies are prepared to take necessary response actions, including potential activation of this plan, with very short lead time.

5.7 PUBLIC INFORMATION

Public alert and notification is necessary to increase public awareness of an impending or current threat, and to provide clear instructions should an evacuation be required. The vital first step of a successful evacuation in San Luis Obispo County is contingent on timely public alerting that will allow the public the opportunity to safely move to non-impacted areas.

The Public Information Manager (PIM) will be activated as soon as practical during an emergency. The PIM will be responsible for developing current and accurate information, providing a central source of information, coordinating with the media for new releases, and identifying and dispelling rumors.

In the case of an emergency situation or an actual disaster a well-informed public is less likely to panic. In San Luis Obispo County there are many ways to inform the public. These include:

- Emergency Alert System
- Reverse 9-1-1
- Early Warning System sirens
- Route Alerting
- Website and Social Media
- Phone Assistance Center

For all public information functions, it is important that all agencies and personnel involved in disseminating information provide consistent factual information. It is for this reason that upon activation and/or use of a public information

section/person, that communications channels be established between agencies who will be releasing information.

All public information/instructions being released from the EOC should be cleared through the ESD first unless public or emergency worker health or safety would be adversely affected.

5.7.1 Emergency Alert System/ Reverse 9-1-1

The Emergency Alert System (EAS) is designed to provide emergency information by the use of radio, television and cable television.

Reverse 9-1-1 (R911) gives San Luis Obispo County officials the ability to inform the public via a voice message sent out to individual households and businesses. The messages are sent to the phone numbers listed in the current 9-1-1 database and individuals who have self-registered within the affected area.

Although incorporated cities and special districts retain authority over their jurisdictions, as indicated in state and local laws, regulations, and/or procedures, during dam and levee failure incidents, emergency public information such as EAS or R911 with evacuation information may be broadcast prior to the concurrence of affected incorporated cities. Cities and special districts which could be affected by this plan were provided review copies, including the Emergency Alert System messages, with an opportunity for input prior to adoption of this revised plan by the County Board of Supervisors.

There are initial, pre-scripted EAS and R911 messages for each dam and the Arroyo Grande Creek levee located in the attachments of this plan. Follow up EAS, R911 and emergency PIO functions would be established using standard county EOC response procedures.

For a failure of the Santa Maria Levee on the San Luis Obispo County side of the river, the Twitchell Dam EAS message can be utilized as the same area is expected to be impacted.

5.7.2 Early Warning System Sirens

Although the Early Warning System (EWS) sirens were installed primarily for an emergency at Diablo Canyon Power Plant, they can be utilized for any emergency, such as a dam failure, where protective actions are necessary by the general public. When activated, the sirens will produce a steady wail for 3 minutes. EWS sirens may be used to provide alert to areas near the inundation path of Whale Rock or Lopez dams or the Arroyo Grande Creek Levee.

5.7.3 Route Alerting

Route alerting is a form of alert and notification used frequently in small scale emergencies or during rapidly changing situations in a designated area. In route alerting, emergency officials drive or walk through an affected or potentially affected area alerting residents in that area of the emergency and informing them of actions they need to take. Route alerting can be conducted door-to-door or via a public address system on a police vehicle, fire engine, etc.

The public address system is the best way to give instant directions to the public that may not be near, or own, a radio or TV; during the late night hours when most of the public is likely asleep and away from media (for EAS alerts) or their phones (for Reverse 9-1-1 alerts); during power outages or once people have left their homes. However, route alerting is dependent on resource availability and can be a slow process.

5.7.4 Website and Social Media

Many people will consult county web-pages and social media (Facebook, Twitter) for details regarding a potential or actual dam or levee failure and evacuation. The information needed should include: which areas are being threatened, what is the risk, where they should evacuate to, and whether the evacuation is precautionary/voluntary level, or a mandatory evacuation order.

It is imperative that a consistent message is provided across all digital and traditional media outlets.

5.7.5 Phone Assistance Center

A phone assistance center may be established during large emergencies to provide a place for people to call for information and/or assistance.

5.8 EMERGENCY PROCLAMATION

Upon activation of the County EOC after a dam or levee failure, the ESD or his/her authorized alternate, should consider proclaiming a local emergency, issue the necessary rules and regulations, and request the Governor to proclaim a "State of Emergency".

5.9 EVACUATION

Evacuations may become necessary if a dam or levee failure is imminent or has occurred. Shelter locations will be identified to the public through information provided to the media and/or emergency alert system messages.

See specific dam and levee response sections of this plan for additional information on evacuation areas and procedures.

5.10 TRAFFIC DISRUPTION

Traffic congestion can be expected following a dam failure due to evacuation traffic, and flooding. Other problems that might occur include:

- Difficulty in transportation/movement in the affected areas by residents due to debris and damaged roadways/streets.
- Difficulty of getting rescuers and other vital personnel into areas of extensive damage.
- Keeping sightseers out of damaged areas during the early days after a flood/dam/levee failure.

Coping with these impediments include debris removal equipment being brought in to the area, re-routing by law enforcement officials assigned to areas, and limiting access.

Should evacuation after a dam/levee failure be necessary, the San Luis Obispo County EOC will be responsible for coordinating the use of resources that may be needed to evacuate people without transportation.

These procedures may include arranging for busses or similar transportation modes to meet evacuees at strategic locations that can be reached by those forced to evacuate on foot. Procedures for obtaining such resources may be obtained by using the Nuclear Power Plant Standard Operating Procedures.

5.11 SHELTERS

If evacuations are ordered, a significant number of displaced citizens can be anticipated as a result of a dam or levee failure. An estimated 10 to 20% of the displaced public may require sheltering as provided by the American Red Cross.

The American Red Cross (ARC) is the agency which would open and manage shelters/reception and care centers, working with the County Department of Social Services.

Locations of shelters will depend on the extent of the emergency, areas affected, and number of people being evacuated. ARC maintains lists of facilities which may be used for evacuation shelters.

In a flood disaster such as a dam or levee failure, families may be separated and relatives from outside the area will want to be certain that their loved ones are safe. The Red Cross uses a computer system to track all evacuees. ARC will publish a specific telephone number for relatives to call in order to learn the location of evacuees. This system should help assist in reunited affected families.

5.12 RECOVERY**5.12.1 Reentry**

During the transition into the recovery phase, appropriate officials will identify potential safety hazards in the affected areas. These hazards may include downed power lines, washed out roads and culverts, hanging limbs, unstable structures and contaminated drinking water. Personnel can be obtained through local and statewide mutual aid systems, including building officials mutual aid.

Once an area has been assessed and an estimation of the resources needed to mitigate hazardous conditions has been made, a report will be given to the EOC.

Based on the field reports, the Emergency Services Director will determine when it is safe to allow public reentry to an area that has been evacuated. Based on joint concurrence of the ESD and other appropriate officials, reentry will be authorized after threats have subsided and an EAS message, or other notification, has been issued.

5.12.2 Demobilization

When the ESD has determined that the disaster has entered into a recovery phase, the EOC should develop a formal demobilization plan. Consideration should be given to releasing mutual aid agencies no longer needed. Consideration should also be given to assigning appropriate agencies to conduct short term recovery operations, such as debris removal, restoration of critical facilities and utilities/communications, and tending to the needs of the displaced.

The County EOC should be downgraded as appropriate. The Emergency Alert System should be deactivated with a termination EAS message giving the public a contact point for follow up assistance. Restoration of services to the public and returning the affected area(s) to pre-emergency conditions will be done in a timely manner as possible. Both short term and long term recovery operations can best be managed through the normal structure of government.

5.12.3 Cleanup, Rehabilitation, and Restoration

Cleanup, rehabilitation, and restoration may take a considerable amount of time. It may also take a considerable amount of effort and cooperation between the private sector and local, state, and federal governments. It is anticipated that local government resources and finances after a major dam or levee failure will be strained and that aid from the state and federal governments may be required.

When the damage has been properly assessed and documented, clean-up efforts will begin. Essential work forces will begin moving back into the affected area, the ESD and chief officials will make decisions for specific recovery priorities.

Debris removal and utility restoration will be the first priorities in recovery efforts. Major arterial streets and roads should be designated in the planning stages and mapped out. Movement of emergency will be the prime consideration in clearing transportation routes.

Communications restoration will also be a priority in recovery efforts. The need to disseminate emergency public information in the aftermath will be critical.

Long term recovery considerations will be many and could include:

- 5.12.3.1 Cleanup of debris on public property and repair of infrastructure such as roads and bridges
- 5.12.3.2 Hazardous material specialists, under the supervision of the county, may need to be employed for any needed cleanup of hazardous material
- 5.12.3.3 Health services may be needed, such as water purification, inoculations and sanitation, potable water supply issues
- 5.12.3.4 Solid waste facilities may not be able to handle all debris disposal needs; plans for alternate sites and programs may need to be considered
- 5.12.3.5 Reconstruction of damaged critical facilities will need to be approved and initiated as soon as possible
- 5.12.3.6 Providing temporary housing
- 5.12.3.7 Conducting building safety assessments
- 5.12.3.8 School resumption
- 5.12.3.9 Fostering long term economic recovery
- 5.12.3.10 Restoring essential services
- 5.12.3.11 Preserving historic buildings
- 5.12.3.12 Encouraging immediate business recovery

5.12.4 Follow-up Public Disaster Assistance

Provided the necessary emergency proclamations were made during the emergency, the county will coordinate with state and federal officials in performing damage assessment to determine specific needs following a disaster. If a federal disaster has been declared, assistance may be provided through the Federal Emergency Management Agency (FEMA) and related agencies. Victims may register for disaster assistance by

telephone or possibly through a Disaster Assistance Center (DAC), sometimes referenced as Local Assistance Centers. DACs are facilities that are opened and staffed by government agencies for the purpose of applying for disaster relief assistance for both individual families and to the public sector. Some of the disaster assistance services that could be provided include:

- 5.12.4.1 Emergency family and individual needs, provided by volunteer relief organizations, such as the American Red Cross
- 5.12.4.2 Disaster loans to individuals and businesses provided through state and federal agencies such as the Small Business Administration and FEMA
- 5.12.4.3 Temporary housing through federal programs
- 5.12.4.4 Crisis counseling through County Mental Health

5.12.5 Final Report and Documentation

County agencies involved in a dam failure should track activities using activity logs. The narrative of these logs and related reports should describe the primary responsibility, the duties performed, and the total number of staff hours of involvement by the agency during the emergency phase of the dam failure. The master activity log documents names and times of agency personnel involved in a particular assignment, equipment and supplies used, and any contracts with a private vendor to support emergency operations. A copy of this narrative report and master activity log should become part of the county's official record of the dam failure.

5.12.6 After Action Report

As specified in the California Code of Regulations, Title 19, section 2900(j), any city, city and county, or county proclaiming a local emergency for which the governor proclaims a state of emergency, is required to complete and transmit an after action report to Cal OES within ninety (90) days of the close of the incident period. NIMS also requires after action reporting.

The After Action Report shall, at a minimum, be a review of response actions taken, application of SEMS, suggested modifications to SEMS, necessary modifications to plans and procedures, identified training needs, and recovery actions to date.

These After Action Reports will also be consistent with, and meet, National Incident Management System requirements.

5.12.7 Local Government Cost Recovery

When a state or federal disaster declaration is made, many local government costs related to the declared disaster may be reimbursable through state and/or federal programs. Eligible costs for reimbursement may include permanent repairs to damaged facilities, including infrastructure, and certain emergency response and protective measure activities.

The Governor's Office of Emergency Services is responsible for administering both the Federal Public Assistance program in California and the State's Disaster Assistance Act (DAA) program.

For the County of San Luis Obispo, County OES will be the lead agency for coordinating cost reimbursement programs between county agencies/departments and Cal OES.

In most cases, local agencies must expend funds before they can receive payment of funds through the federal Public Assistance program and/or state DAA program. This reimbursement process is a lengthy one involving the complete review of damage estimates and documentation. Actual receipt of funds may take months to several years.

All county and related agencies and departments will need to thoroughly document damages; without proper documentation, it may be impossible to obtain reimbursement through the Public Assistance, Disaster Assistance Act or any other program. This includes documenting all incurred costs, including labor and expenditures. Photos should be taken and receipts and similar documentation need to be saved.

For more information on the public agency cost recovery process, contact County OES.

**PART 6: INITIAL AND GENERAL EMERGENCY MANAGEMENT RESPONSE
GUIDELINES**

This Part provides initial and general response checklists for specific dams, pre-scripted proclamations of emergency, overview dam inundation area maps, and related documents.

The following sections provide guidelines for initial emergency management response activities, as well as general guidance for positions which may be staffed in the Emergency Operations Center or a related facility such as a Department Operations Center.

SECTION 1: LOPEZ DAM CHECKLISTS

SECTION 2: RIGHETTI DAM CHECKLISTS

SECTION 3: SALINAS/SANTA MARGARITA DAM CHECKLISTS

SECTION 4: SAN ANTONIO DAM CHECKLISTS

SECTION 5: TERMINAL RESERVOIR/DAM CHECKLISTS

SECTION 6: TWITCHELL DAM CHECKLISTS

SECTION 7: SANTA MARIA LEVEE

SECTION 8: WHALE ROCK DAM CHECKLISTS

SECTION 9: NACIMIENTO DAM CHECKLISTS

SECTION 10: BASIC GUIDANCE FOR DAM FAILURES NOT SPECIFICALLY
COVERED BY THIS PLAN

SECTION 11: ARROYO GRANDE CREEK LEVEE CHECKLISTS

SECTION 1: LOPEZ DAM**TABLE OF CONTENTS**

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**CHECKLIST 1.1: SHERIFF WATCH COMMANDER –
INITIAL RESPONSE GUIDELINES – LOPEZ DAM****1. Upon Receipt of Initial Notification of a Problem:**

- _____ 1.1. If the reporting party is reliable, skip to Item 2 and begin to fill out the Actual or Potential Dam Failure Report Form. If you need to verify the report, then note initial RP information and reported condition of the dam, and go to Item 1.2:

Time:	RP:
Report on Conditions:	

- _____ 1.2 If the reported problem needs verification, condition of the dam should be obtained by any of the following methods:
- _____ 1.2.1 Contact Lopez Dam tender or alternate at [REDACTED] (Business hours only) or on the Public Works radio frequency (Black Net); if no response:
- _____ 1.2.2 Contact County Public Works at [REDACTED] (business hours) or after hours contact PW on-call
- _____ 1.2.3 Dispatch Sheriff's patrol unit, or other public agency resource near the dam (with communication capabilities) to survey the dam area. Consider air resources (CHP, Sheriff's Aero Squadron, Cal Fire, or U.S. Forest Service.)

2. Actual or Potential Dam Failure Report Form

(Item 2, page 1 of 3)

Date:	Time:
Notified by:	Contact info:
Agency:	Name of Dam:
Nature of Incident <div style="text-align: center;"><input type="checkbox"/> Dam Failure <input type="checkbox"/> Potential/Imminent Dam Failure</div>	
Additional Details:	
Notes:	

Continue with checklist on following page

(Item 2, page 2 of 3)

Upon receipt of notification by a reliable RP or upon confirmation of a problem with the dam, this plan will be considered activated. The Watch Commander procedures to fully activate response include the following actions:

- _____ 2.1 Notify the duty Emergency Services Coordinator (ESC) of the situation: [REDACTED].
- _____ 2.2 Notify the following agencies, and advise them if you will be ordering evacuations at this time; and what alert notification procedures will be used: EWS, EAS, R911, and Route Alerting:
 - _____ 2.2.1 Red Phone
 - _____ 2.2.2 State Parks for Oceano Dunes
- _____ 2.3 If there is a potential for dam failure, re-contact a responsible party and get an updated condition on the dam. Specifically, ascertain if failure may be imminent.
- _____ 2.4 If time permits, consider using the Reverse 911 notification system to alert residents.

If failure is imminent, proceed with Step 2.5

NOTE FOR STEP 2.5: DO NOT ACTIVATE EWS SIRENS UNTIL YOU ARE READY TO SEND OUT THE EAS MESSAGE

- _____ 2.5 Activate EAS and issue warning message/evacuation order (see Attachments, following pages); start with message #1, then reactivate with others as soon as possible – see Step 2.8) AND THEN:
- _____ 2.6 Using Siren Activation Procedures, activate the Early Warning System sirens for Lopez Dam area

0601	0604	0606	0608
1001	1002	1004	1006
1008	1112	1118	1130
1132	1201	1204	1210
1212	1214		

Checklist continues on next page

(Item 2, page 3 of 3)

- _____ 2.7 Confirm all sirens sounded; for sirens that did not activate, use route alerting procedures or other alert notification methods as the situation dictates.
- _____ 2.8 As soon as possible, assign someone who can continue to repeatedly activate EAS and read all Lopez EAS messages.
- _____ 2.9 Advise Sheriff and request presence at EOC if activated.
- _____ 2.10 Request CHP shutdown of U.S. 101
 - _____ 2.10.1 Advise ETA of swift water at U.S. 101/Arroyo Grande Creek may be 40 minutes travel time from time of failure
- _____ 2.11 Request CHP helicopter and/or Sheriff's Aero Squadron or other air resources (Cal Fire, U.S. Forest Service) for aerial reconnaissance and assistance.
- _____ 2.12 Establish EOC access control procedures
 - 2.12.1 Note: EOC will be activated by OES
- _____ 2.13 Request on-duty dispatchers call in additional dispatch and patrol staff as needed.
- _____ 2.14 Begin Law Branch actions (see Checklist 1.4) until that position is staffed in the EOC

End of checklist

**CHECKLIST 1.2: DUTY EMERGENCY SERVICES COORDINATOR -
INITIAL RESPONSE GUIDELINES – LOPEZ DAM**

Upon notification by Watch Commander, the **Duty Emergency Services Coordinator** can make additional notifications as needed.

1. Upon notification, ESC(s) will consider the following actions as needed:

- ☐ 1.1 Confirm EWS for Lopez Dam area have been activated, if necessary
 - ☐ 1.1.1 If EWS has not been activated, may activate EWS for Lopez Dam area. DO NOT activate EWS until EAS has been activated (See Attachment 1.2, sample EAS message)
 - ☐ 1.1.2 Activate EAS
- ☐ 1.2 If EWS has been used, confirm all sirens sounded. If all sirens did not sound:
 - ☐ 1.2.1 Request Watch Commander implement route alerting procedures for failed siren area or other method of alert as appropriate
- ☐ 1.3 Assign someone who can continue to repeatedly activate EAS and read all Lopez EAS messages.
- ☐ 1.4 FAX EAS evacuation message(s) to:
 - ☐ 1.4.1 PSAPs
 - ☐ 1.4.2 Media
- ☐ 1.5 Confirm notifications have been made as listed in the Dam Failure tab of the BAG
- ☐ 1.6 Confirm if Phone Assistance Center is being activated
- ☐ 1.7 Confirm following agency representatives are enroute to the EOC (if not or unconfirmed, request a representative from the agency respond to the EOC):
 - ☐ 1.7.1 County Public Works
 - ☐ 1.7.2 County Central Services
 - ☐ 1.7.3 Sheriff's Department
 - ☐ 1.7.4 CHP

_____ 1.7.5 County Fire

_____ 1.7.6 State Parks

_____ 1.8 Consider notifying the following agencies/functions and request a representative at the EOC, as appropriate:

_____ 1.8.1 Medical/Health Branch

_____ 1.8.2 County Office of Education

_____ 1.8.3 County Health Officer

_____ 1.8.4 County Environmental Health

_____ 1.8.5 County Communications

_____ 1.8.5.1 Request they activate RACES at the EOC

_____ 1.8.6 Care and Shelter Branch

_____ 1.8.7 Social Services staff for Phone Assistance Center

_____ 1.8.8 PG&E Distribution Office

_____ 1.8.9 Southern California Gas Company

_____ 1.8.10 AT&T

_____ 1.9 Notify and advise the following agencies of the situation:

_____ 1.9.1 Cal OES (possibly using CAWAS); consider doing a RIMS report

_____ 1.9.2 State Dept. of Water Resources

_____ 1.9.3 Union Pacific Railroad

_____ 1.9.4 U.S. Coast Guard

_____ 1.9.5 South County Sanitation District:

Business hours (7:30 – 4:30): [REDACTED]

24 hour contact: [REDACTED]

CHECKLIST 1.3: EMERGENCY SERVICES DIRECTOR - LOPEZ DAM

1. **Upon activation of the County EOC, the County ESD should evaluate the situation and take appropriate actions. Guidelines include:**
 - _____ 1.1 Receive briefing of situation from OES or PW Director
 - _____ 1.1.1 Consult with PW Director, Sheriff's Department representative, County Fire representative, CHP representative, and County EOC PIO.
 - _____ 1.2 Monitor and evaluate emergency operations.
 - _____ 1.3 Ensure public information and notifications are occurring as appropriate.
 - _____ 1.3.1 Discuss with PIO and ESCs the need to activate the JIC or phone assistance center
 - _____ 1.4 Consider proclaiming a "Local Emergency" and consider request for "State of Emergency"

CHECKLIST 1.4: LAW BRANCH - LOPEZ DAM

The **Law Branch** will be staffed by the Sheriff's Department and/or other law enforcement agency, as necessary.

1. In addition to initial Watch Commander procedures, Law Branch guidelines include:

- _____ 1.1 Receive briefing from the Watch Commander and/or OES staff
- _____ 1.2 Work with SHWC and OES and/or other agencies/staff on problems needing immediate attention, including evacuation and related logistics
- _____ 1.3 Work with CHP and other EOC staff on mutual evacuation issues, such as:
 - _____ 1.3.1 Emergency evacuation of stranded persons
 - _____ 1.3.2 Establishment of Traffic Control Points
 - _____ 1.3.3 Security for evacuated area
- _____ 1.4 Request CHP:
 - _____ 1.4.1 Stop traffic on southbound U.S. 101 adjacent to Halcyon Road/Walmart area and northbound U.S. 101 at Los Berros Road (ETA of swift water at U.S. 101/Arroyo Grande Creek is 40 minutes);
 - _____ 1.4.2 Close Highway 1 and Halcyon at Halcyon Road if not already done.
- _____ 1.5 Assist with interagency coordination, including mutual aid needs, for law enforcement resources
- _____ 1.6 Assist Fire Branch in search and rescue as needed
- _____ 1.7 Consider additional mutual aid to assist with resource needs
- _____ 1.8 Ensure Sheriff's Department PIO is working with the EOC PIO
- _____ 1.9 Request Animal Services to provide support as necessary for citizens going to shelters and for related animal care needs or rescue
- _____ 1.10 Consider needs for additional resources such as Sheriff's Department Dive Team, Sheriff's Search and Rescue, and/or Cal Fire/County Fire response for swift water rescue

CHECKLIST 1.5: FIRE BRANCH - LOPEZ DAM

The **Fire Branch** will be staffed by Cal Fire/County Fire

1. Fire Branch guidelines include:

- _____ 1.1 Assist Law Branch in issuing warning message/evacuation order to areas as requested
- _____ 1.2 Utilize Evacuation Assistance List for possible evacuation of affected population
- _____ 1.3 Ensure Cal Fire/County Fire PIO(s) is working with EOC PIO
- _____ 1.4 Perform Interagency Coordination duties, including usual mutual aid requests and tracking needs
- _____ 1.5 Coordinate search and rescue, including resources such as swift water rescue personnel, in conjunction with Law Branch
- _____ 1.6 Consider establishing a position to coordinate air resources (Aero squadron, CHP, Cal Fire, and other resources)
- _____ 1.7 Assist with establishment of a field ICP at Varian Ranch or at a location favorable for the incident. Consider Orcutt Road northwest of Lopez and Highway 101 at El Campo Road.

CHECKLIST 1.6: PUBLIC WORKS BRANCH - LOPEZ DAM**1. Public Works Branch guidelines include:**

- _____ 1.1 Respond to EOC when requested
- _____ 1.2 Provide updates on the condition of the dam to the EOC or Watch Commander
- _____ 1.3 Coordinate road closures and related barricade/warning sign equipment distribution
- _____ 1.4 Conduct damage assessments of dams, roads and water systems
- _____ 1.5 Provide damage assessment/situation statuses to the EOC
- _____ 1.6 Advise ESD when conditions are safe for public reentry

CHECKLIST 1.7: MEDICAL/HEALTH BRANCH CHECKLIST - LOPEZ DAM

(Page 1 of 2)

1. Medical/Health Branch guidelines include:

- _____ 1.1 Respond to EOC and receive briefing
- _____ 1.2 Confirm Arroyo Grande Hospital has been notified
- _____ 1.3 Assign staff to assist MedCom and coordinate medical communications as necessary
- _____ 1.4 Establish contact with acute care hospitals in the county and advise them of situation
 - _____ 1.4.1 Consider the need to advise northern Santa Barbara County acute care hospitals
- _____ 1.5 Contact private medical care facilities for evacuation coordination, if needed
- _____ 1.6 Establish contact with all ambulance providers and advise them of situation
- _____ 1.7 Request staffing of off-duty ambulance and other medic units as needed
- _____ 1.8 Consider activation of RDMHC System or other mutual aid
- _____ 1.9 Use ambulance move up procedures ensure coverage of the county
- _____ 1.10 Coordinate transportation needs for other medically dependent persons
- _____ 1.11 Under direction of CHO, coordinate transportation of patients not needing an ambulance with transit unit or other agency coordinating transportation resources
- _____ 1.12 Coordinate distribution of patients to surrounding hospitals
- _____ 1.13 Prepare information concerning emergency medical services for CHO, and for distribution to ESD and PIO
- _____ 1.14 Provide public health nursing assistance with shelter staffing, evacuation teams, and phone inquiries as necessary

(Page 2 of 2)

- _____ 1.15 Coordinate response efforts for special needs facilities in the affected area
- _____ 1.16 Ensure behavioral health/mental health services are being provided, as necessary
- _____ 1.17 Provide for sampling and testing to ensure adequate safe drinking water, control of sewage and septic, and assistance with related environmental problems as needed

CHECKLIST 1.8: CARE AND SHELTER BRANCH - LOPEZ DAM

- 1. Upon notification by County OES or related emergency organization staff, the Care and Shelter Branch - Social Services guidelines include, as necessary or requested:**

- _____ 1.1 Coordinate with American Red Cross in determining locations, activating and managing one or more evacuation relocation shelters
- _____ 1.2 Ensure shelter locations have been broadcast in follow up EAS messages and/or news releases
- _____ 1.3 Ensure liaison with ARC is established, including requesting a representative at the EOC if necessary

ATTACHMENT 1.1: LOPEZ DAM INUNDATION MAP



**ATTACHMENT 1.2: EAS WARNING MESSAGE – EVACUATION - LOPEZ DAM
(MESSAGE 1: GENERAL AREA – DAM TO U.S. 101)**

--MESSAGE TO BE USED OVER EAS--

"Attention, attention. This is an emergency message for the general public below Lopez Dam. Lopez Dam (choose one) ***may fail / has failed***. This could cause major flooding and risk to life in low lying areas below the dam.

The Sheriff's Department/Emergency Services Director are advising residents and businesses in many low lying areas between the dam and the Pacific Ocean along Arroyo Grande Creek, including areas in the Cities of Arroyo Grande, Grover Beach, Pismo Beach, and the Oceano area, to evacuate immediately. Evacuate to high ground immediately.

Please listen carefully...

The areas that need to evacuate or move to higher ground now include:

- All areas between the dam and the city of Arroyo Grande that are within 2 miles of Arroyo Grande creek... Repeating, all areas between the dam and the city of Arroyo Grande that are within 2 miles of Arroyo Grande creek must move at least 2 miles from Arroyo Grande creek. Move to high ground now.

Other areas that must evacuate immediately are:

- All areas of the city of Arroyo Grande east of U.S. 101, except Crown Hill... Repeating, all areas of the city of Arroyo Grande east of U.S. 101, except Crown Hill. People in those areas may use Highway 227 and Orcutt road to leave the area.
- Those in the area of Highway 227 go north on 227. Those near Orcutt, go north on Orcutt road or other routes away from Arroyo Grande creek and Lopez drive. Those in the area of Branch Mill Road can take Branch Mill to East Cherry and southbound on U.S. 101.

(Message continues on next page)

- Please stand by for an additional message with evacuation information for people in and near Arroyo Grande west of U.S. 101... Repeating, please stand by for an additional message with evacuation information for people in and near Arroyo Grande west of U.S. 101... People in that area should also prepare to evacuate immediately.

PLEASE STAND BY FOR ADDITIONAL INFORMATION.

END

**ATTACHMENT 1.3: EAS WARNING MESSAGE – EVACUATION - LOPEZ DAM
(MESSAGE 2: ARROYO GRANDE/HALCYON – OCEANO DUNES)**

--MESSAGE TO BE USED OVER EAS--

"Attention, attention. This is an emergency message for the general public below Lopez Dam. Lopez Dam (choose one) ***may fail / has failed***.

This message is being broadcast by the Sheriff's Department/County Emergency Services Director to inform you of additional areas that must evacuate now. The following areas are in addition to the areas between Lopez Dam and U.S. 101 announced in an earlier message. Please listen carefully... Please listen carefully.

Additional areas that now need to evacuate or move to higher ground include:

- Areas in and near the city of Arroyo Grande east of Halcyon Road and north of Fair Oaks Avenue, except Arroyo Grande hospital. Halcyon can be used to reach northbound U.S. 101... Repeating, areas in and near the city of Arroyo Grande east of Halcyon Road... and north of Fair Oaks Avenue except, Arroyo Grande hospital. However, residents of Sunrise Terrace Mobile Home Park should NOT evacuate... Again, residents of Sunrise Terrace Mobile Home Park should NOT evacuate. Other areas along Sunrise Terrance Street should evacuate.

In addition to the previously mentioned areas, the following areas should also evacuate immediately:

- All of the community of Halcyon south of Temple street; and
- Los Berros road in the area of Arroyo Grande south to Falcon Crest drive...and;
- The area from Halcyon and Arroyo Grande to the Oceano dunes, including all of the area below the mesa including the intersection of Highway 1 and Valley Road... Repeating, the area from Halcyon and Arroyo Grande to the Oceano dunes, including all of the area below the Mesa and including the intersection of Highway 1 and Valley Road

(Message continues on next page)

- Residents in this area should proceed to high ground on the Nipomo Mesa or southbound on Highway 101 to high ground.

Please cooperate fully with public safety officials and keep tuned to your radio for further emergency broadcast messages.

END

**ATTACHMENT 1.4: EAS WARNING MESSAGE – EVACUATION - LOPEZ DAM
(MESSAGE 3: OCEANO – GROVER BEACH SOUTH)**

--MESSAGE TO BE USED OVER EAS--:

Attention, attention.... Notification has been received that Lopez Dam (circle one) ***may fail / has failed.***

This message is being broadcast by the Sheriff's Department/County Emergency Services Director to inform you of additional areas that must evacuate now. The following areas are in addition to the areas between Lopez Dam and Arroyo Grande, and areas in and around Arroyo Grande and Halcyon broadcast in an earlier message.

Please listen closely to other areas that need to evacuate due to the problem with Lopez Dam. Please listen carefully:

Additional areas that must now evacuate or move to higher ground include:

- All areas of Oceano south of Paso Robles Street and west of 17th Street, and south of Grand Avenue, including the airport area.....repeating... All areas of Oceano south of Paso Robles street and west of 17th, and south of Grand Avenue, including the airport area. Oceano evacuees should leave northbound on Highway 1, northbound on 4th, 13th, or Elm Streets to northbound U.S. 101.
- For Grover Beach, those in the following areas need to move to higher ground immediately: The agriculture area from Oceano to Highland Way, west of South 13th Street to the beach. The business area from Highland Way to Farroll Road west of Huston to the beach. Repeating, those in the following areas need to move to higher ground immediately: The agriculture area from Oceano to Highland Way, west of South 13th to the beach. The business area from Highland Way to Farroll Road west of Huston to the beach, move to higher ground towards the East and the North. Use east/west streets for your evacuation. Avoid using South 4th Street and Highway 1.

Please cooperate fully with public safety officials and keep tuned to your radio station for further emergency broadcast messages.

END

**ATTACHMENT 1.5: EAS WARNING MESSAGE – EVACUATION - LOPEZ DAM
(MESSAGE 4: GROVER BEACH NORTH)**

--MESSAGE TO BE USED OVER EAS--

"Attention, attention... Notification has been received that Lopez Dam (circle one) ***may fail / has failed.***

This message is being broadcast by the Sheriff's Department/County Emergency Services Director to inform you of additional areas that must evacuate now.

The following areas are in addition to the areas between Lopez Dam and Arroyo Grande, and areas in and around Arroyo Grande and Grover Beach broadcast in an earlier message.

Please prepare to listen closely to other areas that need to evacuate due to the problem with Lopez Dam. Please listen carefully:

Additional areas that must evacuate or move to higher ground now include:

- The residential area from Farroll Road to West Grand Avenue west of 5th street to the beach. The residential/commercial area from West Grand Avenue to Brighton Avenue, from 2nd Street west to the beach. Repeating, the residential area from Farroll Road to West Grand Avenue west of 5th Street to the beach. The residential/commercial area from west Grand Avenue to Brighton Avenue, from 2nd Street west to the beach. Move to higher ground towards the east and the north. Use east/west streets for your evacuation. Avoid using South 4th Street and Highway 1.
- Grover Beach residents should use 4th, 12th, or Oak Park roads to get to northbound U.S. 101.

The list of areas that need to evacuate will be repeated as soon as possible on this and other emergency alert system stations. Remain calm. Evacuate in an orderly manner.

(Continued on next page)

If you know of anyone who is disabled in the evacuation area, please assist by notifying that person of this emergency. If you can provide transportation for anyone without transportation, please do so. If you need transportation, contact a nearby friend or neighbor. If you cannot obtain transportation, please contact your local police or fire department. The Red Cross will be setting up evacuation shelters at locations that will be broadcast as soon as possible.

Please cooperate fully with public safety officials and keep tuned to your local radio station for further emergency broadcast messages.

END

**ATTACHMENT 1.6: EAS WARNING MESSAGE – EVACUATION - LOPEZ DAM
(MESSAGE 5: PISMO BEACH – GROVER BEACH)**

--MESSAGE TO BE USED OVER EAS--

"Attention, attention... Notification has been received that Lopez Dam (circle one) ***may fail / has failed.***

This message is being broadcast by the Sheriff's Department/County Emergency Services Director to inform you of additional areas that must evacuate now.

The following areas are in addition to the areas between Lopez Dam and Arroyo Grande, and areas in and around Arroyo Grande broadcast in an earlier message. Please prepare to listen closely to other areas that need to evacuate due to the problem with Lopez Dam. Please listen carefully:

Additional areas that must evacuate or move to higher ground now include:

- Highway 1 and the area bounded by Pismo Creek, U.S. 101 and the railroad tracks in Pismo Beach, including the mobile home parks in Pismo Beach next to U.S. 101 and north of the railroad tracks, and all camping areas along the beach. Evacuate to the north and east of this area. People should evacuate using the shortest route to northbound U.S. 101.
- Grover residents should use 4th, 12th, or Oak Park roads to get to northbound U.S. 101. Pismo residents should use northbound Highway 1 to get to U.S. 101 northbound. Do not use Highway 1 south of Grand Avenue as this may be flooded.

The list of areas that need to evacuate will be repeated as soon as possible on this and other Emergency Alert System stations.

Remain calm...evacuate in an orderly manner.

END

ATTACHMENT 1.7: ROUTE ALERTING FOR LOPEZ DAM

-- FOR IMMEDIATE MESSAGE/ORDER --

Attention! All those living near Lopez Dam and along Arroyo Grande Creek move to high ground immediately. Lopez Dam is failing. Follow directions of police officers and other public safety officials. Tune your radio to a local station that is broadcasting emergency information and listen for additional information.

(Repeat as necessary)

END

-- FOR ROUTE ALERTING USE --

Attention! There is a problem with Lopez Dam and this area may become flooded. Evacuate this area now. Turn on your AM/FM radio for additional information and instructions. Repeating, there is a problem with Lopez Dam and this area may be flooded. Evacuate this area now. Tune to your local radio station for additional information and instructions.

(Repeat as necessary)

END

ATTACHMENT 1.8: LOPEZ DAM REVERSE 911 / TTY MESSAGES

--REVERSE 911 MESSAGE--

This is an emergency notification from the County Emergency Services Director, Lopez Dam (circle one) ***has failed / may fail***. Those in low lying areas between the dam and the Pacific Ocean along Arroyo Grande Creek are advised to evacuate to high ground immediately. If you know of anyone who is disabled in the evacuation area, please assist by notifying that person of this emergency. Tune to a local radio station for further information.

END

--TTY MESSAGE--

This is an emergency notification from the County Emergency Services Director, Lopez Dam (circle one) ***has failed / may fail***. Those in low lying areas between the dam and the Pacific Ocean along Arroyo Grande Creek evacuate to high ground immediately.

END

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**CHECKLIST 2.1: SHERIFF WATCH COMMANDER –
INITIAL RESPONSE GUIDELINES – RIGHETTI DAM****1. Upon Receipt of Initial Notification of a Problem:**

- _____ 1.1. If the reporting party is reliable, skip to Item 2 and begin to fill out the Actual or Potential Dam Failure Report Form. If you need to verify the report, then note initial RP information and reported condition of the dam, and go to Item 1.2:

Time:	RP:
Report on Conditions:	

- _____ 1.2 If the reported problem needs verification, condition of the dam should be obtained by any of the following methods:

- _____ 1.2.1 Contact a [REDACTED]:

_____ [REDACTED]

_____ [REDACTED]

- _____ 1.2.2 Dispatch Sheriff's patrol unit, or other public agency resource near the dam (with communication capabilities) to survey the dam area. Consider air resources (CHP, Sheriff's Aero Squadron, Cal Fire, or U.S. Forest Service.)

2. Actual or Potential Dam Failure Report Form

(Item 2, page 1 of 3)

Date:	Time:
Notified by:	Contact info:
Agency:	Name of Dam:
Nature of Incident <div style="text-align: center;"><input type="checkbox"/> Dam Failure <input type="checkbox"/> Potential/Possible Dam Failure</div>	
Additional Details:	
Notes:	

Continue with checklist on following page

(Item 2, page 2 of 3)

Upon receipt of notification by a reliable RP or upon confirmation of a problem with the dam, this plan will be considered activated. The Watch Commander procedures to fully activate response include the following actions:

- _____ 2.1 Notify the duty Emergency Services Coordinator (ESC) of the situation: [REDACTED]
- _____ 2.2 Have dispatchers contact the following and advise via appropriate ringdown phone:
 - _____ 2.2.1 Red Phone
 - _____ 2.2.2 CHP and request:
 - _____ Units to stage and close Orcutt Road southbound at Biddle Ranch Road, and Orcutt Road northbound at Tiffany Ranch Road, and Highway 227 northbound at Corbett Canyon and Highway 227 southbound at Biddle Ranch Road
 - _____ Advise CHP the inundation path for the water to flow is south of the intersection of Orcutt at Biddle Ranch and south of the intersection of Price Canyon at 227
 - _____ Also close Ormonde Road at Old Oak Park Road
 - _____ 2.2.3 Cal Fire/COUNTY FIRE and request:
 - _____ Units to stage and close the following intersections until relieved by CHP: Orcutt Road southbound at Biddle Ranch Road, and Orcutt Road northbound at Tiffany Ranch Road, and Highway 227 northbound at Corbett Canyon and Highway 227 southbound at Biddle Ranch Road
 - _____ Advise Cal Fire/County Fire the inundation path for the water to flow is south of the intersection of Orcutt at Biddle Ranch and south of the intersection of Price Canyon at Highway 227

(Checklist continues on next page)

(Item 2, page 3 of 3)

_____ 2.2.4 Advise the city of Pismo Beach as an advisory only that water may be flowing toward their city; request Pismo Beach P.D. close Price Canyon Road at the city limits; additional information will follow ASAP

_____ 2.3 If there is a potential for dam failure, re-contact a responsible party and get an updated condition on the dam. Specifically ascertain if failure may be imminent.

If failure is imminent, proceed with Step 2.4

NOTE FOR STEP 2.4: DO NOT ACTIVATE EWS SIRENS UNTIL YOU ARE READY TO FOLLOW UP WITH THE EAS MESSAGE

_____ 2.4 Activate EAS and issue warning message/evacuation order (see Attachment 2.2) AND THEN:

_____ 2.5 Using Siren Activation Procedures, activate the following five Early Warning System sirens:

701	842
848	852
854	

_____ 2.6 Confirm all sirens sounded; for sirens that did not activate, use route alerting or other alert methods located in the Siren Activation Procedures document.

_____ 2.7 Advise Sheriff or alternate and request presence at EOC if activated

_____ 2.8 Request CHP helicopter and/or Sheriff's Aero Squadron or other air resources (Cal Fire, U.S. Forest Service) for aerial reconnaissance and rescue/warning assistance

_____ 2.9 Establish EOC access control procedures

2.9.1 Note: EOC will be activated by OES

_____ 2.10 Begin Law Branch actions (see Checklist 2.4) until that position is staffed in the EOC

End of checklist

**CHECKLIST 2.2: DUTY EMERGENCY SERVICES COORDINATOR
INITIAL RESPONSE GUIDELINES - RIGHETTI DAM**

Upon notification by Watch Commander, the **Duty Emergency Services Coordinator** can make additional notifications as needed.

1. **Upon notification, ESC(s) will consider the following actions as needed:**

- _____ 1.1 Confirm activation of EAS and transmission of evacuation message
- _____ 1.2 Ensure Red Phone notifications have been made
- _____ 1.3 Confirm EWS using sirens have been activated as necessary
- _____ 1.4 Confirm all five sirens sounded. If all sirens did not sound:
 - _____ 1.4.1 Request Watch Commander implement route alerting procedures for failed siren area
- _____ 1.5 FAX EAS evacuation message(s) to
 - _____ 1.5.1 PSAPs
 - _____ 1.5.2 Media
- _____ 1.6 Confirm notifications have been made as listed in the Dam Failure tab of the BAG
- _____ 1.7 Confirm if Phone Assistance Center is being activated
- _____ 1.8 Confirm following agency representatives are enroute to the EOC (if not or unconfirmed, request response of a representative from the agency to the EOC):
 - _____ 1.8.1 County Public Works
 - _____ 1.8.2 Sheriff's Department
 - _____ 1.8.3 CHP
 - _____ 1.8.4 Cal Fire/County Fire
- _____ 1.9 Consider notifying the following agencies and request a representative respond to the EOC as appropriate:
 - _____ 1.9.1 County Health Officer
 - _____ 1.9.2 County Environmental Health

_____ 1.9.3 County Office of Education

_____ 1.9.4 County Communications;

_____ 1.9.4.1 Request they activate RACES at the
EOC

_____ 1.9.5 American Red Cross

_____ 1.9.6 Care and Shelter

_____ 1.10 Notify and advise the following agencies of the situation:

_____ 1.10.1 Cal OES (possibly using CAWAS)

_____ 1.10.2 State Dept. of Water Resources

_____ 1.10.3 Union Pacific Railroad

CHECKLIST 2.3: EMERGENCY SERVICES DIRECTOR - RIGHETTI DAM

1. **Upon activation of the County EOC, the County ESD should evaluate the situation and take appropriate actions. Guidelines include:**
 - _____ 1.1 Receive briefing of situation.
 - _____ 1.1.1 Consult with PW Director, Sheriff's Department representative, County Fire representative, CHP representative, and County EOC PIO.
 - _____ 1.2 Monitor and evaluate emergency operations
 - _____ 1.3 Ensure public information and notifications are occurring as appropriate.
 - _____ 1.3.1 Discuss with PIO and ESCs the need to activate the JIC or phone assistance center
 - _____ 1.4 Consider proclaiming a "Local Emergency" and consider request for "State of Emergency"

CHECKLIST 2.4: LAW BRANCH - RIGHETTI DAM

The **Law Branch** will be staffed by the Sheriff's Department and/or other law enforcement agency, as necessary.

1. In addition to initial Watch Commander procedures, Law Branch guidelines include:

- _____ 1.1 Receive briefing from the Watch Commander and/or OES staff
- _____ 1.2 Work with SHWC and OES staff on problems needing immediate attention, including evacuations and related logistics
- _____ 1.3 Work with CHP and other EOC on mutual evacuation issues, such as:
 - _____ 1.3.1 Emergency evacuation of stranded persons
 - _____ 1.3.2 Establishment of Traffic Control Points
 - _____ 1.3.3 Security for evacuated area
- _____ 1.4 Assist with interagency coordination, including mutual aid needs, for law enforcement resources
- _____ 1.5 Assist Fire Branch in search and rescue as needed
- _____ 1.6 Consider additional mutual aid to assist with resource needs
- _____ 1.7 Ensure Sheriff's Department PIO is working with the EOC PIO
- _____ 1.8 Request Animal Services to provide support as necessary for citizens going to shelters and for related animal care needs or rescue
- _____ 1.9 Consider needs for additional resources such as Sheriff's Department Dive Team, Sheriff's Search and Rescue, and/or Cal Fire/County Fire response for swift water rescue

CHECKLIST 2.5: FIRE BRANCH - RIGHETTI DAM

The **Fire Branch** will be staffed by Cal Fire/County Fire

1. Fire Branch guidelines include:

- _____ 1.1 Assist Law Branch in issuing warning message/evacuation order to areas as requested
- _____ 1.2 Utilize Evacuation Assistance List for possible evacuation of affected population
- _____ 1.3 Make sure Cal Fire/County Fire PIO(s) are coordinating information with EOC PIO
- _____ 1.4 Perform Interagency Coordination duties, including usual mutual aid requests and tracking needs
- _____ 1.5 Coordinate search and rescue, including resources such as swift water rescue personnel, in conjunction with Law Branch
- _____ 1.6 Consider establishing a position to coordinate air resources (Aero squadron, CHP, Cal Fire, and other resources)

CHECKLIST 2.6: PUBLIC WORKS BRANCH - RIGHETTI DAM**1. Public Works Branch guidelines include:**

- _____ 1.1 Respond to EOC when requested
- _____ 1.2 Provide updates on the condition of the dam to the EOC or Watch Commander
- _____ 1.3 Coordinate road closures and related barricade/warning sign equipment distribution
- _____ 1.4 Conduct damage assessments of dams, roads and water systems
- _____ 1.5 Provide damage assessment/situation statuses to the EOC
- _____ 1.6 Advise ESD when conditions are safe for public reentry

CHECKLIST 2.7: MEDICAL/HEALTH BRANCH CHECKLIST - RIGHETTI DAM**1. Medical Branch guidelines include:**

- _____ 1.1 Respond to EOC and receive briefing
- _____ 1.2 Assign staff to assist Med-Com and coordinate medical communications as needed
- _____ 1.3 Contact private care medical care facilities for evacuation coordination if needed
- _____ 1.4 Establish contact with all ambulance providers and explain situation
- _____ 1.5 Request staffing of off duty ambulance and other medic units as needed
- _____ 1.6 Consider activation of RDMHC System or other mutual aid
- _____ 1.7 Use ambulance move up procedures assure coverage of the county
- _____ 1.8 Coordinate transportation needs for other medically dependent persons
- _____ 1.9 Under direction of CHO, coordinate transportation of patients not needing an ambulance with County Public Works or other agency coordinating transportation resources
- _____ 1.10 Coordinate distribution of patients to surrounding hospitals
- _____ 1.11 Prepare information concerning emergency medical services for CHO, distribute to ESD and PIO.
- _____ 1.12 Provide public health nursing assistance with shelter staffing, evacuation teams, and phone inquiries as necessary
- _____ 1.13 Coordinate response efforts for special needs facilities in the affected area
- _____ 1.14 Ensure behavioral health/mental health services are being provided, as necessary
- _____ 1.15 Provide for sampling and testing to ensure adequate safe drinking water, control of sewage and septic and assistance with related environmental problems, as needed

CHECKLIST 2.8: CARE AND SHELTER BRANCH - RIGHETTI DAM

1. **Upon notification by County OES or related emergency organization staff, the Care and Shelter Branch - Social Services guidelines include, as necessary or requested:**
 - _____ 1.1 Coordinate with American Red Cross in determining locations, activating and managing one or more evacuation relocation shelters
 - _____ 1.2 Ensure shelter locations have been broadcast in follow up EAS messages and/or news releases
 - _____ 1.3 Ensure liaison with ARC is established, including requesting a representative at the EOC if necessary

ATTACHMENT 2.1: RIGHETTI DAM INUNDATION MAP



ATTACHMENT 2.2: WARNING MESSAGE/EVACUATION ORDER - RIGHETTI

--MESSAGE TO BE USED OVER EAS--

"Attention, attention. Notification has been received that Righetti Dam (circle one) ***has failed / may fail***. This may cause major flooding in low lying areas below the dam.

The Sheriff's Department/County Emergency Services Director is advising all residents and businesses between Righetti Dam and Highway 227 and 1,000 feet north or south of West Corral De Piedra Creek to (circle one) ***stand by to evacuate / evacuate immediately***.

You should evacuate to the house of a relative or friend outside the evacuation boundaries. Evacuation routes include northbound or southbound on Orcutt Road and northbound or southbound on Highway 227. If you know of anyone who is disabled in the evacuation area, please assist by notifying that person of this emergency. If you can provide transportation for anyone without transportation, please do so. If you need transportation, call [REDACTED]. Repeating, if you need transportation, call [REDACTED].

Please cooperate fully with public safety officials and keep tuned to your radio for further emergency broadcast messages.

END

--FOR ROUTE ALERTING USE--

Attention! All those living near Righetti Dam and West Corral De Piedra Creek move to high ground immediately. Righetti Dam is failing. Follow directions of police and firemen directing evacuation and rescue.

(Repeat as necessary.)

END

ATTACHMENT 2.3: RIGHETTI DAM REVERSE 911 / TTY MESSAGE

--REVERSE 911 MESSAGE--

This is an emergency notification from the County Emergency Services Director, Righetti Dam (circle one) **has failed / may fail**. All residents and businesses between Righetti Dam and Highway 227 and 1,000 feet north or south of West Corral De Piedra Creek (circle one) **stand by to evacuate / evacuate immediately**. Evacuation routes include northbound or southbound on Orcutt Road and northbound or southbound on Highway 227. Tune to your local radio station for further information.

END

--TTY MESSAGE--

Emergency notification from the County Emergency Services Director, Righetti Dam (circle one) **has failed / may fail**. All individuals between Righetti Dam and Hwy 227 and 1,000' N or S of West Corral De Piedra Creek (circle one) **stand by to evacuate / evacuate immediately**.

END

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**CHECKLIST 3.1 SHERIFF WATCH COMMANDER -
INITIAL RESPONSE GUIDELINES – SALINAS DAM**

NOTE: Time estimate is approximately three (3) hours for the water flow to travel 19 miles to Atascadero, according to Army Corps of Engineers' Inundation Map.

1. Upon Receipt of Initial Notification of a Problem:

- _____ 1.1. If the reporting party is reliable, skip to Item 2 and begin to fill out the Actual or Potential Dam Failure Report Form. If you need to verify the report, then note initial RP information and reported condition of the dam, and go to Item 1.2:

Time:	RP:
Report on Conditions:	

- _____ 1.2 If the reported problem needs verification, condition of the dam should be obtained by any of the following methods:
- _____ 1.2.1 Contact Salinas Dam tender(s) at [REDACTED]. If no response:
- _____ 1.2.2 Contact County Public Works at [REDACTED] (business hours) or after hours contact PW on-call
- _____ 1.2.3 Dispatch Sheriff's patrol unit, or other public agency resource near the dam (with communication capabilities) to survey the dam area. Consider air resources (CHP, Sheriff's Aero Squadron, Cal Fire, or U.S. Forest Service.)

2. Actual or Potential Dam Failure Report Form

(Item 2, page 1 of 2)

Date:	Time:
Notified by:	Contact info:
Agency:	Name of Dam:
Nature of Incident <div style="text-align: center;"><input type="checkbox"/> Dam Failure <input type="checkbox"/> Potential/Immediate Dam Failure</div>	
Additional Details:	
Notes:	

Continue with checklist on following page

(Item 2, page 2 of 2)

Upon receipt of notification by a reliable RP or upon confirmation of a problem with the dam, this plan will be considered activated. The Watch Commander procedures to fully activate response include the following actions:

- _____ 2.1 Notify the duty Emergency Services Coordinator (ESC) of the situation: [REDACTED]
- _____ 2.2 Have dispatchers contact the following and advise via appropriate ringdown phone and inform them that additional information will be provided ASAP:
 - _____ 2.2.1 Red Phone
 - _____ 2.2.2 Atascadero State Hospital
- _____ 2.3 If there is a potential for dam failure, re-contact a responsible party and get an updated condition on the dam. Specifically, ascertain if failure may be imminent.

If failure is imminent, proceed with Step 2.4

- _____ 2.4 Activate EAS and issue warning message/evacuation order (see Attachment 3.2)
- _____ 2.5 Advise Sheriff or alternate and request presence at EOC
- _____ 2.6 Request CHP helicopter and/or Sheriff's Aero Squadron or other air resources (Cal Fire, U.S. Forest Service) for aerial reconnaissance and rescue/warning assistance
- _____ 2.7 Establish EOC access control procedures
 - 2.7.1 Note: EOC will be activated by OES
- _____ 2.8 Begin Law Branch actions (see Checklist 3.4) until that position is staffed in the EOC

End of Checklist

**CHECKLIST 3.2: DUTY EMERGENCY SERVICES COORDINATOR
INITIAL RESPONSE GUIDELINES - SALINAS DAM**

Upon notification by Watch Commander, the **Duty Emergency Services Coordinator** can make additional notifications as needed.

1. **Upon notification, ESC(s) will consider the following actions as needed:**

- _____ 1.1 Confirm EAS has been activated
 - _____ 1.1.1 If EAS has not been activated, activate EAS, if necessary
 - _____ 1.1.2 Consider requesting activation of EAS if necessary
- _____ 1.2 FAX EAS evacuation message(s) to:
 - _____ 1.2.1 PSAPs
 - _____ 1.2.2 Media
 - _____ 1.2.3 Atascadero State Hospital.
- _____ 1.3 Confirm notifications have been made as listed in the Dam Failure tab of the BAG
- _____ 1.4 Consider Phone Assistance Center activation
- _____ 1.5 Confirm following agency representatives are enroute to the EOC (if not or unconfirmed, request response of a representative from the agency to the EOC):
 - _____ 1.5.1 County Public Works
 - _____ 1.5.2 Sheriff's Department
 - _____ 1.5.3 CHP
 - _____ 1.5.4 Cal Fire/County Fire
- _____ 1.6 Notify the following agencies/functions and request a representative respond to the EOC as appropriate:
 - _____ 1.6.1 Medical/Health Branch
 - _____ 1.6.2 County Office of Education
 - _____ 1.6.3 County Health Officer
 - _____ 1.6.4 County Environmental Health

_____ 1.6.5 County Communications;

_____ 1.6.5.1 Request they activate RACES at the
EOC

_____ 1.6.6 Care and Shelter Branch

_____ 1.6.7 PG&E Division/Switchyard

_____ 1.6.8 Southern California Gas Company

_____ 1.6.9 AT&T

_____ 1.7 Notify and advise the following agencies of the situation:

_____ 1.7.1 Cal OES

_____ 1.7.2 State Dept. of Water Resources

_____ 1.7.3 Union Pacific Railroad

_____ 1.7.4 Camp Roberts

CHECKLIST 3.3: EMERGENCY SERVICES DIRECTOR - SALINAS DAM

1. **Upon activation of the County EOC, the County ESD should evaluate the situation and take appropriate actions. Guidelines include:**
 - _____ 1.1 Receive briefing of situation
 - _____ 1.1.1 Consult with PW Director, Sheriff's Department representative, County Fire representative, CHP representative, and County EOC PIO.
 - _____ 1.2 Monitor, coordinate and evaluate emergency operations
 - _____ 1.3 Ensure public information and notifications are occurring as appropriate:
 - _____ 1.3.1 Discuss with PIO and ESCs the need to activate the JIC or phone assistance center
 - _____ 1.4 Consider proclaiming a "Local Emergency" and consider request for "State of Emergency"

CHECKLIST 3.4: LAW BRANCH - SALINAS DAM

The **Law Branch** will be staffed by the Sheriff's Department and/or other law enforcement agency, as necessary.

1. In addition to initial Watch Commander procedures, Law Branch guidelines include:

- _____ 1.1 Receive briefing from the Watch Commander and/or OES staff
- _____ 1.2 Work with SHWC and OES staff on problems needing immediate attention, including evacuation and related logistics
- _____ 1.3 Work with CHP and other EOC command staff on mutual evacuation issues, such as:
 - _____ 1.3.1 Emergency evacuation of stranded persons
 - _____ 1.3.2 Establishment of Traffic Control Points
 - _____ 1.3.3 Security for evacuated area
- _____ 1.4 Assist with interagency coordination, including mutual aid needs, for law enforcement resources
- _____ 1.5 Assist Fire Branch in search and rescue as needed
- _____ 1.6 Consider additional mutual aid to assist with resource needs
- _____ 1.7 Ensure Sheriff's Department PIO is working with the EOC PIO
- _____ 1.8 Request Animal Services to provide support as necessary for citizens going to shelters and for related animal care needs or rescue
- _____ 1.9 Consider needs for additional resources such as Sheriff's Department Dive Team, Sheriff's Search and Rescue, and/or Cal Fire/County Fire response for swift water rescue

CHECKLIST 3.5: FIRE BRANCH - SALINAS DAM

The **Fire Branch** will be staffed by Cal Fire/County Fire

1. Fire Branch guidelines include:

- _____ 1.1 Assist Law Branch in issuing warning message/evacuation order to areas as requested
- _____ 1.2 Advise the following fire agencies of the situation:
 - _____ 1.2.1 Templeton
 - _____ 1.2.2 San Miguel
 - _____ 1.2.3 Camp Roberts
- _____ 1.3 Utilize Evacuation Assistance List for possible evacuation of affected population
- _____ 1.4 Make sure Cal Fire/County Fire PIO(s) are coordinating information with EOC PIO
- _____ 1.5 Perform Interagency Coordination duties, including usual mutual aid requests and tracking needs
- _____ 1.6 Coordinate search and rescue, including resources such as swift water rescue personnel, in conjunction with Law Branch
- _____ 1.7 Consider establishing a position to coordinate air resources (Aero squadron, CHP, Cal Fire, and other resources)

CHECKLIST 3.6: PUBLIC WORKS BRANCH - SALINAS DAM**1. Public Works Branch guidelines include:**

- _____ 1.1 Respond to EOC when requested
- _____ 1.2 Provide updates on the condition of the dam to the EOC or Watch Commander
- _____ 1.3 Coordinate road closures and related barricade/warning sign equipment distribution
- _____ 1.4 Conduct safety and damage assessments of dams, roads and water systems
- _____ 1.5 Provide safety and damage assessment/situation statuses to the EOC
- _____ 1.6 Advise ESD when condition are safe for public reentry

CHECKLIST 3.7: MEDICAL BRANCH CHECKLIST - SALINAS DAM

(Page 1 of 2)

The **Medical/Health Branch** will be staffed by the San Luis Obispo County Emergency Medical Services Agency or Health Agency.

1. Medical Branch guidelines include:

- _____ 1.1 Respond to EOC and receive briefing
- _____ 1.2 Assign staff to assist Med-Com and coordinate medical communications
- _____ 1.3 Establish contact with all acute care hospitals in the County and notify of situation
- _____ 1.4 Contact private medical care facilities for evacuation coordination, if needed
- _____ 1.5 Establish contact with all ambulance providers and advise them of situation
- _____ 1.6 Request staffing of off duty ambulance and other medic units as needed
- _____ 1.7 Consider activation of RDMHC system or other mutual aid
- _____ 1.8 Use ambulance move up procedures to ensure coverage of the county
- _____ 1.9 Coordinate transportation needs for other medically dependent persons
- _____ 1.10 Under direction of CHO, coordinate transportation of patients not needing an ambulance with Transit Unit or other agency coordinating transportation resources
- _____ 1.11 Coordinate distribution of patients to surrounding hospitals
- _____ 1.12 Prepare information concerning emergency medical services for CHO, distribute to ESD and PIO.
- _____ 1.13 Provide public health nursing assistance with shelter staffing, evacuation teams, and phone inquiries as necessary

(Page 2 of 2)

- _____ 1.14 Coordinate response efforts for special needs facilities in the affected area
- _____ 1.15 Ensure behavioral health/mental health services are being provided, as necessary
- _____ 1.16 Provide for sampling and testing to ensure adequate safe drinking water, control of sewage and septic, and assistance with related environmental problems as needed

End of Checklist

CHECKLIST 3.8: CARE AND SHELTER BRANCH - SALINAS DAM

1. **Upon notification by County OES or related emergency organization staff, the Care and Shelter Branch - Social Services guidelines include, as necessary or requested:**

- _____ 1.1 Coordinate with American Red Cross in determining locations, activating and managing one or more evacuation relocation shelters
- _____ 1.2 Ensure shelter locations have been broadcast in follow up EAS messages and/or news releases
- _____ 1.3 Ensure liaison with ARC is established, including requesting a representative at the EOC if necessary

ATTACHMENT 3.1: SALINAS DAM INUNDATION MAP



ATTACHMENT 3.2: EAS WARNING MESSAGE – EVACUATION – SALINAS DAM

--MESSAGE TO BE USED OVER EAS--

"Attention, attention. This is an emergency message for the general public below Salinas Dam / Santa Margarita Reservoir. Notification has been received that Salinas Dam / Santa Margarita Reservoir (choose one) ***has failed / may fail***. This may cause major flooding in low lying areas below the dam.

The Sheriff's Department/County Emergency Services Director is advising all residents and businesses between Santa Margarita Dam and the Monterey County line, and within 3,000 feet east or west of the low lying areas near the Salinas River, to (choose one) ***standby to evacuate / evacuate immediately***.

Gather any necessary supplies for at least 72 hours, including: food, clothing, bedding, cash/checks/credit cards, and necessary medications. Secure your house before leaving. You should evacuate to the house of a relative or friend outside the evacuation boundaries.

Evacuation routes include northbound on U.S. 101 from Templeton to the Monterey County line and southbound on U.S. 101, from Atascadero to Santa Margarita. If you know of anyone who is disabled in the evacuation area, please assist by notifying that person of this emergency. If you can provide transportation for anyone without transportation, please do so.

Please cooperate fully with public safety officials and keep tuned to your radio for further emergency broadcast messages.

END

ATTACHMENT 3.3: ROUTE ALERTING MESSAGE FOR SALINAS DAM

--ROUTE ALERTING--

Attention! Salinas/Santa Margarita Dam (choose one) ***has failed / may fail***. This area may become flooded. Move to high ground immediately. Follow directions of police officers and other public safety officials. Tune your radio to local station for more information.

(Repeat as necessary.)

ATTACHMENT 3.4: SALINAS DAM REVERSE 911 / TTY MESSAGE

--REVERSE 911 MESSAGE--

This is an emergency notification from the County Emergency Services Director, Salinas Dam (circle one) ***has failed / may fail***. All residents and business between Santa Margarita Dam and the Monterey County line and within 3,000 feet east or west of the low lying areas near the Salinas River (circle one) ***stand by to evacuate / evacuate immediately***. Evacuation routes include northbound on U.S. 101 from Templeton to the Monterey County line and southbound on U.S. 101, from Atascadero to Santa Margarita. Tune to your local radio station for further information.

END

--TTY MESSAGE--

Emrgcy Services Dir: Salinas Dam (circle one) ***has failed / may fail*** ppl btwn Santa Margarita Dam & Mntry Cnty line & 3,000' E or W of low lying areas near Salinas River evacuate NOW N. bound Hwy 101 from Templton to Mntry Cnty line S. bound Hwy 101 from Atas. to Santa Margarita

END

SECTION 4: SAN ANTONIO DAM

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**CHECKLIST 4.1 SHERIFF WATCH COMMANDER -
INITIAL RESPONSE GUIDELINES – SAN ANTONIO DAM****1. Upon Receipt of Initial Notification of a Problem:**

- _____ 1.1 If the reporting party is reliable, note RP information and reported condition of dam below, then skip to Item 2, Plan Activation. If you need to verify the report, then note RP information and reported condition of the dam, and go to Item 1.2:

Time:	RP:
Report on Conditions:	

- _____ 1.2 If the reported problem needs verification, condition of the dam should be obtained by any of the following methods:
- _____ 1.2.1 Contact Monterey County via Salinas Communications: [REDACTED]
- _____ 1.2.2 Dispatch Sheriff's patrol unit, or other public agency resource near the dam (with communication capabilities) to survey the dam area. Consider air resources (CHP, Sheriff's Aero Squadron, Cal Fire, or U.S. Forest Service.)

2. Actual or Potential Dam Failure Report Form

(Item 2, page 1 of 3)

Date:	Time:
Notified by:	Contact info:
Agency:	Name of Dam:
Nature of Incident <div style="text-align: center;"><input type="checkbox"/> Dam Failure <input type="checkbox"/> Potential/Possible Dam Failure</div>	
Additional Details:	
Notes:	

Continue with checklist on following page

(Item 2, page 2 of 3)

Upon receipt of notification by a reliable RP or upon confirmation of a problem with the dam, this plan will be considered activated. The Watch Commander procedures to fully activate response include the following actions:

- _____ 2.1 If the RP is not Monterey County, contact Salinas Communications: [REDACTED] for coordination and additional information
- _____ 2.2 Notify the duty Emergency Services Coordinator (ESC) of the situation: [REDACTED]
- _____ 2.3 If there is a potential for dam failure, re-contact a responsible party and get an updated condition of the dam. Specifically, ascertain if failure may be imminent

If failure is imminent, proceed with Step 2.4

- _____ 2.4 Activate EAS and issue warning message/evacuation order (see Attachment 4.2)
- _____ 2.5 Request dispatchers notify via appropriate ringdown phone:
 - _____ 2.5.1 Red Phone
 - _____ 2.5.2 Camp Roberts Fire
- _____ 2.6 Dispatch units with P.A. systems to the intersection of Nacimiento Lake Drive and Interlake Road and request they close Nacimiento to northbound traffic until CHP or other law enforcement can arrive AND:
 - _____ 2.6.1 Check for visitors or residents within San Luis Obispo County that are within 2 miles of San Antonio River and have them evacuate at least 2 miles from the San Antonio River
- _____ 2.7 Advise Sheriff or alternate and request presence at EOC if activated
- _____ 2.8 Request CHP helicopter and/or Sheriff's Aero Squadron or other air resources (Cal Fire, U.S. Forest Service) for aerial reconnaissance and rescue/warning assistance
- _____ 2.9 Dispatch available Sheriff's Department and other public safety units with P.A. systems to area of San Antonio River (intersection of Nacimiento Lake Drive/county line area) to alert and advise San Luis Obispo County residents and visitors within 2 miles of San Antonio Creek to evacuate to higher ground

(Item 2, page 3 of 3)

- _____ 2.10 Establish perimeter/security checkpoint near intersection of Nacimiento Lake Drive (G19) and Nacimiento Lake Road (G14)
- _____ 2.11 Provide support and assistance to Monterey County Sheriff's Department as requested

**CHECKLIST 4.2: DUTY EMERGENCY SERVICES COORDINATOR –
INITIAL RESPONSE GUIDELINES – SAN ANTONIO DAM**

Upon notification by Watch Commander, the **Duty Emergency Services Coordinator** can make additional notifications as needed.

1. Upon notification, ESC(s) will consider the following actions as needed:

_____ 1.1 Confirm SHWC has been in contact with Monterey County

_____ 1.2 Confirm SHWC will activate EAS, if needed

_____ 1.3 Respond to EOC

2. Upon arrival at EOC:

_____ 2.1 Make sure that (within San Luis Obispo County) a 2 mile evacuation area from the San Antonio River has been established

_____ 2.2 Coordinate additional actions with Monterey County

_____ 2.3 Coordinate additional actions with San Luis Obispo County as needed

_____ 2.4 Make sure follow up and closure with EAS is performed

ATTACHMENT 4.1: SAN ANTONIO DAM INUNDATION MAP



ATTACHMENT 4.2: EAS WARNING MESSAGE – EVACUATION – SAN ANTONIO DAM

--MESSAGE TO BE USED OVER EAS--

Attention. This is an emergency message for the general public near the area of San Antonio Dam. Notification has been received that San Antonio Dam (choose one) ***has failed / may fail***. This may cause major flooding in low lying areas below the dam.

The San Luis Obispo County Sheriff's Department/County Emergency Services Director is advising all residents and visitors to move at least 2 miles away from the river. Repeating, all residents and visitors need to move at least 2 miles away from the river.

Please cooperate fully with public safety officials and keep tuned to your radio for further emergency broadcast messages.

END

ATTACHMENT 4.3: ROUTE ALERTING MESSAGE FOR SAN ANTONIO DAM

--ROUTE ALERTING--

Attention. San Antonio Dam (choose one) **has failed / may fail**. This area may become flooded. Move at least 2 miles away from the river. Repeating, all residents and visitors need to move at least 2 miles away from the river.

Follow directions of police officers and other public safety officials. Tune your radio to local station for more information.

(Repeat as necessary.)

END

ATTACHMENT 4.4: SAN ANTONIO DAM REVERSE 911 / TTY MESSAGE

-- REVERSE 911—

This is an emergency message from the County Emergency Services Director.

Notification has been received that San Antonio Dam (choose one) ***has failed / may fail***. This may cause major flooding in low lying areas below the dam.

All residents and visitors are advised to move at least 2 miles away from the river.

Please cooperate fully with public safety officials and keep tuned to your radio for further information.

END

--TTY MESSAGE—

Emergency msg from the County Emergency Services Director: San Antonio Dam (choose one) ***has failed / may fail***. All residents and visitors are advised to move at least 2 miles away from the river.

END

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CHECKLIST 5.1 SHERIFF WATCH COMMANDER – INITIAL RESPONSE GUIDELINES – TERMINAL DAM

Terminal Dam is located in South County, 500 feet west of Orcutt Road and Lopez Drive.

1. Upon Receipt of Initial Notification of a Problem:

- _____ 1.1. If the reporting party is reliable, skip to Item 2 and begin to fill out the Actual or Potential Dam Failure Report Form. If you need to verify the report, then note initial RP information and reported condition of the dam, and go to Item 1.2:

Time:	RP:
Report on Conditions:	

- _____ 1.2 If the reported problem needs verification, condition of the dam should be obtained by any of the following methods:

_____ 1.2.1 Contact Lopez Dam tenders at [REDACTED]; if no response:

_____ 1.2.2 Contact County Public Works at [REDACTED] (business hours) or after hours contact PW on-call

_____ 1.2.3 Dispatch Sheriff's patrol unit, or other public agency resource near the dam (with communication capabilities) to survey the dam area. Consider air resources (CHP, Sheriff's Aero Squadron, Cal Fire, or U.S. Forest Service.)

2. Actual or Potential Dam Failure Report Form

(Item 2, page 1 of 3)

Date:	Time:
Notified by:	Contact info:
Agency:	Name of Dam:
Nature of Incident <div style="text-align: center;"><input type="checkbox"/> Dam Failure <input type="checkbox"/> Potential/Possible Dam Failure</div>	
Additional Details:	
Notes:	

Continue with checklist on following pages.

(Item 2, page 2 of 3)

Upon receipt of notification by a reliable RP or upon confirmation of a problem with the dam, this plan will be considered activated. The Watch Commander procedures to fully activate response include the following actions:

- _____ 2.1 Notify the duty Emergency Services Coordinator (ESC) of the situation: [REDACTED]
- _____ 2.2 Have dispatchers contact and alert via appropriate ringdown phone:
 - _____ 2.2.1 CHP and request units to stage and close eastbound Lopez Drive at Huasna Road AND westbound Lopez Drive at Orcutt Road
 - _____ Advise CHP the inundation path for the water to flow will be within 3,000 feet of Arroyo Grande Creek between Orcutt Road and Huansa Road
 - _____ 2.2.2 Arroyo Grande PD and request to close eastbound Lopez Drive at Huasna Road
 - _____ Advise AGPD that flood waters should not reach the city limits however Arroyo Grande Creek may be full and flowing rapidly
 - _____ 2.2.3 Cal Fire/County Fire and request: units to stage at Orcutt Road and Lopez Drive for possible evacuation or flood related assistance and request they close Lopez Drive to westbound traffic at Orcutt Road until CHP can arrive
 - _____ Advise Cal Fire that the water will flood from the dam to an area prior to Huasna Road and to try to remain at least 3,000 feet away from Arroyo Grande Creek
 - _____ 2.2.4 Advise Pismo Beach P.D. that water may be flowing toward their city as an advisory only
- _____ 2.3 If there is a potential for dam failure, re-contact a responsible party and get an updated condition on the dam. Specifically, ascertain if failure may be imminent.

If failure is imminent, proceed with Step 2.4

(Item 2, page 3 of 3)

NOTE FOR 2.4: DO NOT ACTIVATE EWS SIRENS UNTIL YOU ARE READY TO FOLLOW UP WITH THE EAS MESSAGE

- _____ 2.4 Activate EAS and issue warning message/evacuation order (see Attachment 5.2) AND THEN:
- _____ 2.5 Using Siren Activation Procedures, activate the Group 26 Early Warning System sirens

0601	0604	0606	0608
1001	1002	1004	1006
1008	1112	1118	1130
1132	1201	1204	1210
1212	1214		

- _____ 2.6 Confirm all sirens sounded; for sirens that did not activate, use route alerting procedures or other alert notification method located in the Siren Activation Procedures document
- _____ 2.7 Advise Sheriff or alternate and request presence at EOC as appropriate
- _____ 2.8 Request CHP helicopter and/or Sheriff's Aero Squadron or other air resources (Cal Fire, U.S. Forest Service) for aerial reconnaissance and rescue/warning assistance
- _____ 2.9 Establish EOC access control procedures
- 2.9.1 Note: EOC will be activated by OES
- _____ 2.10 Begin Law Branch actions (see Checklist 5.4) until that position is staffed in the EOC

End of checklist

**CHECKLIST 5.2: DUTY EMERGENCY SERVICES COORDINATOR –
INITIAL RESPONSE GUIDELINES – TERMINAL DAM**

Upon notification by Watch Commander, the **Duty Emergency Services Coordinator** can make additional notifications as needed.

1. **Upon notification, ESC(s) will consider the following actions as needed:**

- _____ 1.1 Confirm EWS sirens have been activated, if necessary
 - _____ 1.1.1 If EWS has not been activated, may activate EWS for Terminal Dam area. DO NOT activate EWS until EAS has been activated (See Attachment 5.2, sample EAS message)
 - _____ 1.1.2 Activate EAS
- _____ 1.2 If EWS has been used, confirm all sirens sounded. If all sirens did not sound:
 - _____ 1.2.1 Request Watch Commander implement route alerting procedures for failed siren area or other method of alert as appropriate
- _____ 1.3 FAX EAS evacuation message(s) to:
 - _____ 1.3.1 PSAPs (CHP, Cal Fire ECC, and cities of Pismo Beach and Arroyo Grande)
 - _____ 1.3.2 Media
- _____ 1.4 Confirm notifications have been made as listed in the Dam Failure tab of the BAG
- _____ 1.5 Confirm if Phone Assistance Center is being activated
- _____ 1.6 Confirm following agency representatives are enroute to the EOC (if not or unconfirmed, request a representative from each agency respond to the EOC):
 - _____ 1.6.1 County Public Works
 - _____ 1.6.2 Sheriff's Department
 - _____ 1.6.3 CHP
 - _____ 1.6.4 County Fire
- _____ 1.7 Consider the following agencies/functions and request a representative respond to the EOC:

- _____ 1.7.1 Medical/Health Branch
- _____ 1.7.2 County Health Officer
- _____ 1.7.3 County Environmental Health
- _____ 1.7.4 County Office of Education
- _____ 1.7.5 County Communications
 - _____ 1.7.5.1 Request they activate RACES at the EOC
- _____ 1.7.6 Care and Shelter
- _____ 1.8 Notify and advise the following agencies of the situation:
 - _____ 1.8.1 Cal OES
 - _____ 1.8.2 State Dept. of Water Resources
 - _____ 1.8.3 Union Pacific Railroad

CHECKLIST 5.3: EMERGENCY SERVICES DIRECTOR - TERMINAL DAM

1. **Upon activation of the County EOC, the County ESD should evaluate the situation and take appropriate actions. Guidelines include:**
 - _____ 1.1 Receive briefing of situation from OES or PW Director
 - _____ 1.1.1 Consult with PW Director, Sheriff's Department representative, County Fire representative, CHP representative, and County EOC PIO.
 - _____ 1.2 Monitor and evaluate emergency operations.
 - _____ 1.3 Ensure public information and notifications are occurring as appropriate.
 - _____ 1.3.1 Discuss with PIO and ESCs the need to activate the JIC or phone assistance center
 - _____ 1.4 Consider proclaiming a "Local Emergency" and consider request for "State of Emergency"

CHECKLIST 5.4: LAW BRANCH - TERMINAL DAM

The **Law Branch** will be staffed by the Sheriff's Department and/or other law enforcement agency, as necessary.

1. In addition to initial Watch Commander procedures, Law Branch guidelines include:

- _____ 1.1 Receive briefing from the Watch Commander and/or OES staff
- _____ 1.2 Work with SHWC and OES staff on problems needing immediate attention, including evacuations and related logistics
- _____ 1.3 Work with CHP and other EOC on mutual evacuation issues, such as:
 - _____ 1.3.1 Emergency evacuation of stranded persons
 - _____ 1.3.2 Establishment of Traffic Control Points
 - _____ 1.3.3 Security for evacuated area
- _____ 1.4 Assist with interagency coordination, including mutual aid needs, for law enforcement resources
- _____ 1.5 Assist Fire Branch in search and rescue as needed
- _____ 1.6 Consider additional mutual aid to assist with resource needs
- _____ 1.7 Ensure Sheriff's Department PIO is working with the EOC PIO
- _____ 1.8 Request Animal Services to provide support as necessary for citizens going to shelters and for related animal care needs or rescue
- _____ 1.9 Consider needs for additional resources such as Sheriff's Department Dive Team, Sheriff's Search and Rescue, and/or Cal Fire/County Fire response for swift water rescue

CHECKLIST 5.5: FIRE BRANCH - TERMINAL DAM

The **Fire Branch** will be staffed by Cal Fire/County Fire

1. Fire Branch guidelines include:

- _____ 1.1 Assist Law Branch in issuing warning message/evacuation order to areas as requested
- _____ 1.2 Utilize Evacuation Assistance List for possible evacuation of affected population
- _____ 1.3 Make sure Cal Fire/County Fire PIO(s) are coordinating information with EOC PIO
- _____ 1.4 Perform Interagency Coordination duties, including usual mutual aid requests and tracking needs
- _____ 1.5 Coordinate search and rescue, including resources such as swift water rescue personnel, in conjunction with Law Branch
- _____ 1.6 Consider establishing a position to coordinate air resources (Aero squadron, CHP, Cal Fire, and other resources)

CHECKLIST 5.6: PUBLIC WORKS BRANCH - TERMINAL DAM**1. Public Works Branch guidelines include:**

- _____ 1.1 Respond to EOC when requested
- _____ 1.2 Provide updates on the condition of the dam to the EOC or Watch Commander
- _____ 1.3 Coordinate road closures and related barricade/warning sign equipment distribution
- _____ 1.4 Conduct damage assessments of dams, roads and water systems
- _____ 1.5 Provide damage assessment/situation statuses to the EOC
- _____ 1.6 Advise ESD when conditions are safe for public reentry

CHECKLIST 5.7: MEDICAL/HEALTH BRANCH CHECKLIST - TERMINAL DAM

The **Medical/Health Branch** will be staffed by the San Luis Obispo County Emergency Medical Services Agency or Health Agency.

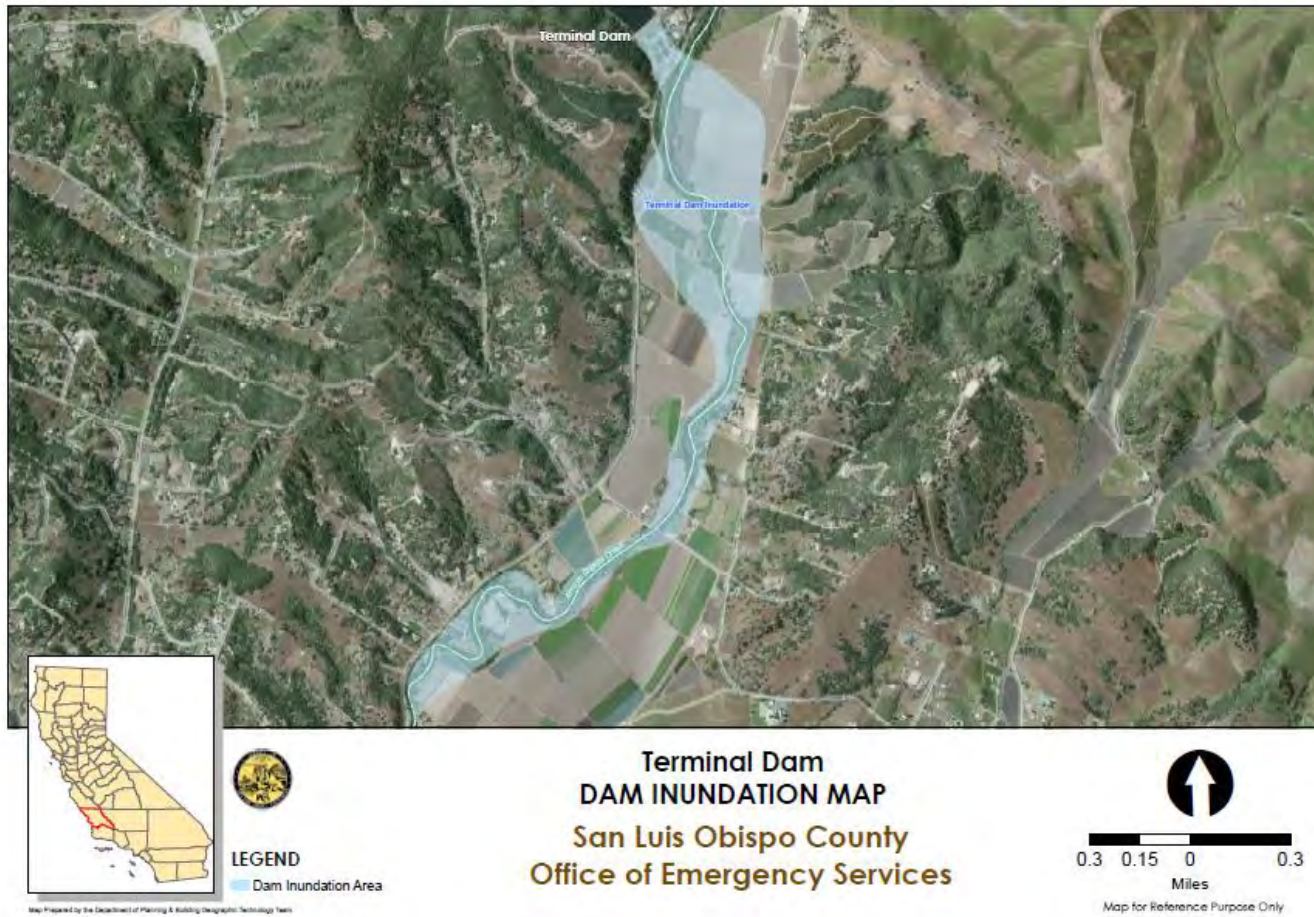
1. Medical Branch guidelines include:

- _____ 1.1 Respond to EOC and receive briefing
- _____ 1.2 Assign staff to assist Med-Com and coordinate medical communications
- _____ 1.3 Contact private medical care facilities for evacuation coordination, if needed
- _____ 1.4 Establish contact with all ambulance providers and advise them of situation
- _____ 1.5 Request staffing of off duty ambulance and other medic units as needed
- _____ 1.6 Consider activation of RDMHC system or other mutual aid
- _____ 1.7 Use ambulance move up procedures to ensure coverage of the county
- _____ 1.8 Coordinate transportation needs for other medically dependent persons
- _____ 1.9 Under direction of CHO, coordinate transportation of patients not needing an ambulance with Transit Unit or other agency coordinating transportation resources
- _____ 1.10 Coordinate distribution of patients to surrounding hospitals
- _____ 1.11 Prepare information concerning emergency medical services for CHO, distribute to ESD and PIO.
- _____ 1.12 Provide public health nursing assistance with shelter staffing, evacuation teams, and phone inquiries as necessary
- _____ 1.13 Coordinate response efforts for special needs facilities in the affected area
- _____ 1.14 Ensure behavioral health/mental health services are being provided, as necessary
- _____ 1.15 Provide for sampling and testing to ensure adequate safe drinking water, control of sewage and septic, and assistance with related environmental problems as needed

CHECKLIST 5.8: CARE AND SHELTER BRANCH - TERMINAL DAM

1. **Upon notification by County OES or related emergency organization staff, the Care and Shelter Branch - Social Services guidelines include, as necessary or requested:**
 - _____ 1.1 Coordinate with American Red Cross in determining locations, activating and managing one or more evacuation relocation shelters
 - _____ 1.2 Ensure shelter locations have been broadcast in follow up EAS messages and/or news releases
 - _____ 1.3 Ensure liaison with ARC is established, including requesting a representative at the EOC if necessary

ATTACHMENT 5.1: TERMINAL DAM INUNDATION MAP



ATTACHMENT 5.2: EAS WARNING MESSAGE – EVACUATION – TERMINAL DAM

--MESSAGE TO BE USED OVER EAS--

"Attention. This is the County Sheriff's Department/County Office of Emergency Services broadcasting an emergency message due to a problem with Terminal Dam, located at the intersection of Orcutt Road and Lopez Drive, east of Arroyo Grande. There is a problem with Terminal Dam that may cause major flooding in low lying areas below the dam along Arroyo Grande Creek up to and stopping near the city limits of Arroyo Grande.

All residents, businesses, and visitors between the intersection of Orcutt Road and Lopez Drive and the intersection of Husana Road and Lopez Drive need to move at least 3,000 feet away from Arroyo Grande Creek immediately.

Repeating, all residents, businesses, and visitors between the intersection of Orcutt Road and Lopez Drive and the intersection of Huasna Road and Lopez Drive need to move at least 3,000 feet away from Arroyo Grande Creek immediately.

Please cooperate fully with public safety officials and keep tuned to your radio for further emergency broadcast messages.

END

ATTACHMENT 5.3: ROUTE ALERTING MESSAGE FOR TERMINAL DAM**FOR IMMEDIATE MESSAGE/ORDER**

Attention! All those living near Terminal Dam and Arroyo Grande Creek move to high ground immediately. Terminal Dam is failing. Everyone needs to move at least 3,000 feet from the Arroyo Grande Creek immediately. Tune to a local radio station for further emergency broadcast messages.

(Repeat as necessary.)

ATTACHMENT 5.4: TERMINAL DAM REVERSE 911 / TTY MESSAGE

--REVERSE 911 MESSAGE--

This is an emergency notification from the County Emergency Services Director;
Terminal Dam (choose one) **may fail / has failed**. Individuals between the intersection
of Orcutt Road and Lopez Drive and the intersection of Husana Road and Lopez Drive
need to move at least 3,000 feet away from Arroyo Grande Creek immediately. Tune to
local radio station for more information as it becomes available.

END

--TTY MESSAGE—

From the County Emergency Services Director: Terminal Dam (choose one) **has failed /
may fail**. Those between the intersection of Orcutt Rd and Lopez Dr and the intersection
of Husana Rd and Lopez Dr need to move at least 3,000 ft away from Arroyo Grande
Creek immediately.

END

SECTION 6: TWITCHELL DAM

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**CHECKLIST 6.1 SHERIFF WATCH COMMANDER –
INITIAL RESPONSE GUIDELINES – TWITCHELL DAM****1. Upon Receipt of Initial Notification of a Problem:**

- _____ 1.1. If the reporting party is reliable, skip to Item 2 and begin to fill out the Actual or Potential Dam Failure Report Form. If you need to verify the report, then note initial RP information and reported condition of the dam, and go to Item 1.2:

Time:	RP:
Report on Conditions:	

- _____ 1.2 If the reported problem needs verification, condition of the dam should be obtained by any of the following methods:

- _____ 1.2.1 Contact Santa Barbara County S.O. communications [REDACTED] and the residence at the dam [REDACTED] or the Santa Maria Valley Water Conservation District at [REDACTED] (business hours).
- _____ 1.2.2 Dispatch Sheriff's patrol unit, or other public agency resource near the dam (with communication capabilities) to survey the dam area. Consider air resources (CHP, Sheriff's Aero Squadron, Cal Fire, or U.S. Forest Service.)

2. Actual or Potential Dam Failure Report Form

(Item 2, page 1 of 2)

Date:	Time:
Notified by:	Contact info:
Agency:	Name of Dam:
Nature of Incident <div style="text-align: center;"><input type="checkbox"/> Dam Failure <input type="checkbox"/> Potential/Possible Dam Failure</div>	
Additional Details:	
Notes:	

Continue with checklist on following page

(Item 2, page 2 of 2)

Upon receipt of notification by a reliable RP or upon confirmation of a problem with the dam, this plan will be considered activated. The Watch Commander procedures to fully activate response include the following actions:

- _____ 2.1 Notify the duty Emergency Services Coordinator (ESC) of the situation: [REDACTED]
- _____ 2.2 Have dispatchers contact the following and advise via appropriate ringdown phone and inform them that additional information will be provided ASAP:
 - _____ 2.2.1 Red Phone
- _____ 2.3 If there is a potential for dam failure, re-contact a responsible party and get an updated condition on the dam; specifically, ascertain if failure may be imminent

If failure is imminent, continue with Step 2.4.

- _____ 2.4 Activate EAS and issue warning message/evacuation order (see Attachment 6.2)
- _____ 2.5 Advise Sheriff or alternate and request presence at EOC if activated
- _____ 2.6 Request CHP helicopter and/or Sheriff's Aero Squadron or other air resources (Cal Fire, U.S. Forest Service) for aerial reconnaissance and rescue/warning assistance
- _____ 2.7 Establish EOC access control procedures
 - 2.7.1 Note: EOC will be activated by OES
- _____ 2.8 Coordinate with Santa Barbara County S.O. on any actions and/or information
- _____ 2.9 Begin Law Branch actions (see Checklist 6.4) until that position is staffed in the EOC

**CHECKLIST 6.2: DUTY EMERGENCY SERVICES COORDINATOR
INITIAL RESPONSE GUIDELINES - TWITCHELL DAM**

Upon notification by Watch Commander, the **Duty Emergency Services Coordinator** can make additional notifications as needed.

1. **Upon notification, ESC(s) will consider the following actions as needed:**

- _____ 1.1 Confirm if EAS has been activated and message for Twitchell Dam, as necessary, and has been read
 - _____ 1.1.1 If EAS has not been activated, activate EAS, as necessary, and read message (Attachment 6.2)
- _____ 1.2 FAX EAS evacuation message to the CHP, Cal Fire ECC, and Santa Barbara County OES and media
- _____ 1.3 Confirm notifications have been made as listed in the Dam Failure tab of the BAG
- _____ 1.4 Confirm Phone Assistance Center is being activated
- _____ 1.5 Confirm following agency representatives are enroute to the EOC (if not or unconfirmed, request responses of a representative from the agency to the EOC):
 - _____ 1.5.1 County Public Works
 - _____ 1.5.2 Sheriff's Department
 - _____ 1.5.3 CHP
 - _____ 1.5.4 County Fire
 - _____ 1.5.5 County PIO staff
 - _____ 1.5.6 County Liaison staff
- _____ 1.6 Notify the following agencies and request a representative respond to the EOC as appropriate
 - _____ 1.6.1 Medical/Health Branch
 - _____ 1.6.2 County Office of Education
 - _____ 1.6.3 County Health Officer
 - _____ 1.6.4 County Environmental Health
 - _____ 1.6.5 County Communications

_____ 1.6.5.1 Request they activate RACES at the EOC

_____ 1.6.6 Care and Shelter Branch

_____ 1.6.7 PG&E Division/Switchyard

_____ 1.6.8 Southern California Gas Company

_____ 1.6.9 AT&T

_____ 1.7 Notify and advise the following agencies of the situation:

_____ 1.7.1 Phillips66 (notify due to location of Guadalupe facility, at end of Thornberry)

_____ 1.7.2 Union Pacific Railroad

_____ 1.7.3 Cal OES

_____ 1.7.4 State Dept. of Water Resources

_____ 1.8 Develop additional EAS messages with more precise evacuation instructions and other information as needed (refer to Twitchell Dam inundation maps in the EOC)

CHECKLIST 6.3: EMERGENCY SERVICES DIRECTOR - TWITCHELL DAM

1. **Upon activation of the County EOC, the County ESD should evaluate the situation and take appropriate actions. Guidelines include:**
 - _____ 1.1 Receive briefing of situation from OES or PW Director
 - _____ 1.1.1 Consult with PW Director, Sheriff's Department representative, County Fire representative, CHP representative, and County EOC PIO.
 - _____ 1.2 Monitor and evaluate emergency operations.
 - _____ 1.3 Ensure public information and notifications are occurring as appropriate.
 - _____ 1.3.1 Discuss with PIO and ESCs the need to activate the JIC or phone assistance center
 - _____ 1.4 Consider proclaiming a "Local Emergency" and consider request for "State of Emergency"

CHECKLIST 6.4: LAW BRANCH - TWITCHELL DAM

The **Law Branch** will be staffed by the Sheriff's Department and/or other law enforcement agency, as necessary.

1. In addition to initial Watch Commander procedures, Law Branch guidelines include:

- _____ 1.1 Receive briefing from the Watch Commander and/or OES staff
- _____ 1.2 Work with SHWC and OES staff on problems needing immediate attention, including evacuations and related logistics
- _____ 1.3 Work with CHP and other EOC on mutual evacuation issues, such as:
 - _____ 1.3.1 Emergency evacuation of stranded persons
 - _____ 1.3.2 Establishment of Traffic Control Points
 - _____ 1.3.3 Security for evacuated area
- _____ 1.4 Assist with interagency coordination, including mutual aid needs, for law enforcement resources
- _____ 1.5 Assist Fire Branch in search and rescue as needed
- _____ 1.6 Consider additional mutual aid to assist with resource needs
- _____ 1.7 Ensure Sheriff's Department PIO is working with the EOC PIO
- _____ 1.8 Request Animal Services to provide support as necessary for citizens going to shelters and for related animal care needs or rescue
- _____ 1.9 Consider needs for additional resources such as Sheriff's Department Dive Team, Sheriff's Search and Rescue, and/or Cal Fire/County Fire response for swift water rescue

CHECKLIST 6.5: FIRE BRANCH - TWITCHELL DAM

The **Fire Branch** will be staffed by Cal Fire/County Fire

1. Fire Branch guidelines include:

- _____ 1.1 Assist Law Branch in issuing warning message/evacuation order to areas as requested
- _____ 1.2 Advise the following fire agencies of the situation:
 - _____ 1.2.1 Santa Maria Fire
 - _____ 1.2.2 Guadalupe Fire
 - _____ 1.2.3 Santa Barbara County Fire
- _____ 1.3 Utilize Evacuation Assistance List for possible evacuation of affected population
- _____ 1.4 Make sure Cal Fire/County Fire PIO(s) are coordinating information with EOC PIO
- _____ 1.5 Perform Interagency Coordination duties, including usual mutual aid requests and tracking needs
- _____ 1.6 Coordinate search and rescue, including resources such as swift water rescue personnel, in conjunction with Law Branch
- _____ 1.7 Consider establishing a position to coordinate air resources (Aero squadron, CHP, Cal Fire, and other resources)

CHECKLIST 6.6: PUBLIC WORKS BRANCH - TWITCHELL DAM**1. Public Works Branch guidelines include:**

- _____ 1.1 Respond to EOC when requested
- _____ 1.2 Provide updates on the condition of the dam to the EOC or Watch Commander
- _____ 1.3 Coordinate road closures and related barricade/warning sign equipment distribution
- _____ 1.4 Conduct damage assessments of dams, roads and water systems
- _____ 1.5 Provide damage assessment/situation statuses to the EOC
- _____ 1.6 Advise ESD when conditions are safe for public reentry

CHECKLIST 6.7: MEDICAL/HEALTH BRANCH CHECKLIST - TWITCHELL DAM

(Page 1 of 2)

The **Medical/Health Branch** will be staffed by the San Luis Obispo County Emergency Medical Services Agency or Health Agency.

1. Medical Branch guidelines include:

- _____ 1.1 Respond to EOC and receive briefing
- _____ 1.2 Assign staff to assist Med-Com and coordinate medical communications
- _____ 1.3 Establish contact with acute care hospitals in the County and advise them of situation
- _____ 1.4 Contact private medical care facilities, if needed
- _____ 1.5 Establish contact with ambulance providers and explain situation
- _____ 1.6 Request staffing of off duty ambulance and other medic units as needed
- _____ 1.7 Consider activation of RDMHC System or other mutual aid
- _____ 1.8 Use ambulance move up procedures to ensure coverage of the county
- _____ 1.9 Coordinate transportation needs for other medically dependent persons
- _____ 1.10 Under direction of CHO, coordinate transportation of patients not needing an ambulance with Transit Unit or other agency coordinating transportation resources
- _____ 1.11 Coordinate distribution of patients to surrounding hospitals, if necessary
- _____ 1.12 Prepare information concerning emergency medical services for CHO, distribute to ESD and PIO.
- _____ 1.13 Provide public health nursing assistance with shelter staffing, evacuation teams, and phone inquiries as necessary
- _____ 1.14 Coordinate response efforts for special needs facilities in the affected area

(Page 2 of 2)

- _____ 1.15 Ensure behavioral health/mental health services are being provided, as necessary
- _____ 1.16 Provide for sampling and testing to ensure adequate safe drinking water, control of sewage and septic, and assistance with related environmental problems as needed

CHECKLIST 6.8: CARE AND SHELTER BRANCH - TWITCHELL DAM

1. **Upon notification by County OES or related emergency organization staff, the Care and Shelter Branch - Social Services guidelines include, as necessary or requested:**
 - _____ 1.1 Coordinate with American Red Cross in determining locations, activating and managing one or more evacuation relocation shelters
 - _____ 1.2 Ensure shelter locations have been broadcast in follow up EAS messages and/or news releases
 - _____ 1.3 Ensure liaison with ARC is established, including requesting a representative at the EOC if necessary

ATTACHMENT 6.1: TWICHELL DAM INUNDATION MAP



ATTACHMENT 6.2: EAS WARNING MESSAGE – EVACUATION – TWITCHELL DAM

--MESSAGE TO BE USED OVER EAS--

"Attention. This is an emergency message for San Luis Obispo County residents below Twitchell Dam and along the Santa Maria River. Notification has been received that Twitchell Dam (choose one) ***has failed / may fail***. This may cause major flooding in low lying areas below the dam along the Santa Maria River. This includes the Oso Flaco area in San Luis Obispo County.

All residents, businesses, and visitors in the following areas need to evacuate now. Evacuate to the north immediately:

- Bull Canyon Road area
- All of Cuyama Lane...and all areas at the end of Cuyama Lane
- Hutton Road south of Cuyama Lane
- All of Riverside Road...repeating...all of Riverside Road
- All areas between the Mesa bluffs and the Pacific Ocean and the Santa Maria River...repeating all areas between the Mesa bluffs and the Pacific Ocean and the Santa Maria River need to evacuate...this includes all of Oso Flaco Lake Road, Bonita School Road, Thornberry Road, and Division west of the Mesa bluffs.

You should evacuate to the house of a relative or friend outside the evacuation boundaries. When evacuating go north on any road out of the area; do not go south. Evacuation routes include northbound on either Highway 1 or Highway 101. If you know of anyone who is disabled in the evacuation area, please assist by notifying that person of this emergency. If you can provide transportation for anyone without transportation, please do so.

Please cooperate fully with public safety officials and keep tuned to your radio for further emergency broadcast messages.

END

ATTACHMENT 6.3: ROUTE ALERTING FOR TWITCHELL DAM

--ROUTE ALERTING MESSAGE --

Attention! All those living below Twitchell Dam along the Santa Maria River move to high ground immediately. Twitchell Dam (choose one) ***has failed / may fail***. Tune your radio to a local radio station for further information.

(Repeat as necessary.)

END

ATTACHMENT 6.4: TWITCHELL DAM REVERSE 911 / TTY MESSAGE

--REVERSE 911 MESSAGE --

This is an emergency notification from the County Emergency Services Director, Twitchell Dam (circle one) **has failed / may fail**. The following residents need to evacuate to the north immediately: those in Bull Canyon Road, all of Cuyama Lane, Hutton Road south of Cuyama Lane, all of Riverside Road, all areas between Mesa bluffs and the Pacific Ocean and the Santa Maria River. Tune to a local radio station for further information.

END

--TTY MESSAGE --

From County Emergency Services Director: Twitchell Dam (choose one) **has failed / may fail** the following need to evacuate immediately Bull Canyon Rd, Cuyama Ln, Hutton Rd south of Cuyama Ln, Riverside Rd, all areas between Mesa bluffs and the Pacific Ocean along the Santa Maria River.

END

SECTION 7: SANTA MARIA LEVEE

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**CHECKLIST 7.1: SHERIFF WATCH COMMANDER
INITIAL RESPONSE GUIDELINES – SANTA MARIA LEVEE**

1. Upon Receipt of Initial Notification of a Problem:

- _____ 1.1. If the reporting party is reliable, skip to Item 2 and begin to fill out the Actual or Potential Dam Failure Report Form. If you need to verify the report, then note initial RP information and reported condition of the dam, and go to Item 1.2:

Time:	RP:
Report on Conditions:	

- _____ 1.2 If the reported problem needs verification, condition of the dam should be obtained by any of the following methods:
- _____ 1.2.1 Contact Santa Barbara County S.O. communications: [REDACTED] and the residence at the dam [REDACTED] or the Santa Maria Valley Water Conservation District at [REDACTED] (business hours).
- _____ 1.2.2 Dispatch Sheriff's patrol unit, or other public agency resource near the dam (with communication capabilities) to survey the dam area. Consider air resources (CHP, Sheriff's Aero Squadron, Cal Fire, or U.S. Forest Service.)

2. Actual or Potential Dam Failure Report Form

(Item 2, page 1 of 2)

Date:	Time:
Notified by:	Contact info:
Agency:	Name of Dam:
Nature of Incident <div style="text-align: center;"><input type="checkbox"/> Dam Failure <input type="checkbox"/> Potential/Possible Dam Failure</div>	
Additional Details:	
Notes:	

Continue with checklist on following page

(Item 2, page 2 of 2)

Upon receipt of notification by a reliable RP or upon confirmation of a problem with the dam, this plan will be considered activated. The Watch Commander procedures to fully activate response include the following actions:

- _____ 2.1 Notify the duty Emergency Services Coordinator (ESC) of the situation: [REDACTED]
- _____ 2.2 Have dispatchers contact the following and advise via appropriate ringdown phone and inform them that additional information will be provided ASAP:
 - _____ 2.2.1 Red Phone
- _____ 2.3 If there is a potential for levee failure, re-contact a responsible party and get an updated condition on the dam; specifically, if there is a threat that failure may be imminent

If failure is imminent, continue with 2.4.

- _____ 2.4 Activate EAS and issue warning message/evacuation order (see page Attachment 6.2)
- _____ 2.5 Advise Sheriff or alternate and request presence at EOC if activated
- _____ 2.6 Request CHP helicopter and/or Sheriff's Aero Squadron or other air resources (Cal Fire, U.S. Forest Service) for aerial reconnaissance and rescue/warning assistance
- _____ 2.7 Establish EOC access control procedures
 - 2.7.1 Note: EOC will be activated by OES
- _____ 2.8 Coordinate with Santa Barbara County S.O. on any actions and/or information
- _____ 2.9 Begin Law Branch actions (see Checklist 7.4) until that position is staffed in the EOC

End of checklist

**CHECKLIST 7.2: DUTY EMERGENCY SERVICES COORDINATOR
INITIAL RESPONSE GUIDELINES – SANTA MARIA LEVEE**

Upon notification by Watch Commander, the **Duty Emergency Services Coordinator** can make additional notifications as needed.

1. **Upon notification, ESC(s) will consider the following actions as needed:**

- _____ 1.1 Confirm EAS has been activated and message for Santa Maria Levee, as necessary, and has been read
 - _____ 1.1.1 If EAS has not been activated, activate EAS, as necessary, and read message (Attachment 6.2)
- _____ 1.2 FAX EAS evacuation message(s) to:
 - _____ 1.2.1 Agencies (CHP, Cal Fire ECC, and Santa Barbara County OES)
 - _____ 1.2.2 Media
- _____ 1.3 Confirm notifications have been made as listed in the Dam Failure tab of the BAG
- _____ 1.4 Confirm if Phone Assistance Center is being activated
- _____ 1.5 Confirm following agency representatives are enroute to the EOC (if not or unconfirmed, request responses of a representative from the agency to the EOC):
 - _____ 1.5.1 County Public Works
 - _____ 1.5.2 Sheriff's Department
 - _____ 1.5.3 CHP
 - _____ 1.5.4 County Fire
 - _____ 1.5.5 County PIO staff
 - _____ 1.5.6 County Liaison staff
- _____ 1.6 Notify the following agencies and request a representative respond to the EOC as appropriate
 - _____ 1.6.1 Medical/Health Branch
 - _____ 1.6.2 County Office of Education

- _____ 1.6.3 County Health Officer
- _____ 1.6.4 County Environmental Health
- _____ 1.6.5 County Communications
 - _____ 1.6.5.1 Request they activate RACES at the EOC
- _____ 1.6.6 Care and Shelter Branch
- _____ 1.6.7 PG&E Division/Switchyard
- _____ 1.6.8 Southern California Gas Company
- _____ 1.6.9 AT&T
- _____ 1.7 Notify and advise the following agencies of the situation:
 - _____ 1.7.1 Phillips 66 (notify due to location of Guadalupe facility, at end of Thornberry)
 - _____ 1.7.2 Union Pacific Railroad
 - _____ 1.7.3 Cal OES
 - _____ 1.7.4 State Dept. of Water Resources
- _____ 1.8 Develop additional EAS messages with more precise evacuation instructions and other information as needed

CHECKLIST 7.3: EMERGENCY SERVICES DIRECTOR – SANTA MARIA LEVEE

1. **Upon activation of the County EOC, the County ESD should evaluate the situation and take appropriate actions. Guidelines include:**
 - _____ 1.1 Receive briefing of situation from OES or PW Director
 - _____ 1.1.1 Consult with PW Director, Sheriff's Department representative, County Fire representative, CHP representative, and County EOC PIO.
 - _____ 1.2 Monitor and evaluate emergency operations.
 - _____ 1.3 Ensure public information and notifications are occurring as appropriate.
 - _____ 1.3.1 Discuss with PIO and ESCs the need to activate the JIC or phone assistance center
 - _____ 1.4 Consider proclaiming a "Local Emergency" and consider request for "State of Emergency"

CHECKLIST 7.4: LAW BRANCH – SANTA MARIA LEVEE

The **Law Branch** will be staffed by the Sheriff's Department and/or other law enforcement agency, as necessary.

1. In addition to initial Watch Commander procedures, Law Branch guidelines include:

- _____ 1.1 Receive briefing from the Watch Commander and/or OES staff
- _____ 1.2 Work with SHWC and OES staff on problems needing immediate attention, including evacuations and related logistics
- _____ 1.3 Work with CHP and other EOC on mutual evacuation issues, such as:
 - _____ 1.3.1 Dissemination of warning message/evacuation order throughout the evacuation area (see Attachment 6.1, Twitchell Dam Inundation Map) via vehicle and aircraft P.A. systems
 - _____ 1.3.2 Emergency evacuation of stranded persons
 - _____ 1.3.3 Establishment of Traffic Control Points
 - _____ 1.3.4 Security for evacuated area
- _____ 1.4 Assist with interagency coordination, including mutual aid needs, for law enforcement resources
- _____ 1.5 Assist Fire Branch in search and rescue as needed
- _____ 1.6 Consider additional mutual aid to assist with resource needs
- _____ 1.7 Ensure Sheriff's Department PIO is working with the EOC PIO
- _____ 1.8 Request Animal Services to provide support as necessary for citizens going to shelters and for related animal care needs or rescue
- _____ 1.9 Consider needs for additional resources such as Sheriff's Department Dive Team, Sheriff's Search and Rescue, and/or Cal Fire/County Fire response for swift water rescue

CHECKLIST 7.5: FIRE BRANCH – SANTA MARIA LEVEE

The **Fire Branch** will be staffed by Cal Fire/County Fire

1. Fire Branch guidelines include:

- _____ 1.1 Assist Law Branch in issuing warning message/evacuation order to areas as requested
- _____ 1.2 Utilize Evacuation Assistance List for possible evacuation of affected population
- _____ 1.3 Make sure Cal Fire/County Fire PIO(s) are coordinating information with EOC PIO
- _____ 1.4 Perform Interagency Coordination duties, including usual mutual aid requests and tracking needs
- _____ 1.5 Coordinate search and rescue, including resources such as swift water rescue personnel, in conjunction with Law Branch
- _____ 1.6 Consider establishing a position to coordinate air resources (Aero squadron, CHP, Cal Fire, and other resources)

CHECKLIST 7.6: PUBLIC WORKS BRANCH – SANTA MARIA LEVEE**1. Public Works Branch guidelines include:**

- _____ 1.1 Respond to EOC when requested
- _____ 1.2 Provide updates on the condition of the dam to the EOC or Watch Commander
- _____ 1.3 Coordinate road closures and related barricade/warning sign equipment distribution
- _____ 1.4 Conduct damage assessments of dams, roads and water systems
- _____ 1.5 Provide damage assessment/situation statuses to the EOC
- _____ 1.6 Advise ESD when conditions are safe for public reentry

**CHECKLIST 7.7: MEDICAL/HEALTH BRANCH CHECKLIST – SANTA MARIA
LEVEE**

(Page 1 of 2)

The **Medical/Health Branch** will be staffed by the San Luis Obispo County Emergency Medical Services Agency or Health Agency.

1. Medical Branch guidelines include:

- _____ 1.1 Respond to EOC and receive briefing
- _____ 1.2 Assign staff to assist Med-Com and coordinate medical communications
- _____ 1.3 Establish contact with acute care hospitals in the County and advise them of situation
- _____ 1.4 Contact private medical care facilities, if needed
- _____ 1.5 Establish contact with ambulance providers and explain situation
- _____ 1.6 Request staffing of off duty ambulance and other medic units as needed
- _____ 1.7 Consider activation of RDMHC System or other mutual aid
- _____ 1.8 Use ambulance move up procedures to ensure coverage of the county
- _____ 1.9 Coordinate transportation needs for other medically dependent persons
- _____ 1.10 Under direction of CHO, coordinate transportation of patients not needing an ambulance with Transit Unit or other agency coordinating transportation resources
- _____ 1.11 Coordinate distribution of patients to surrounding hospitals, if necessary
- _____ 1.12 Prepare information concerning emergency medical services for CHO, distribute to ESD and PIO.
- _____ 1.13 Provide public health nursing assistance with shelter staffing, evacuation teams, and phone inquiries as necessary

(Page 2 of 2)

- _____ 1.14 Coordinate response efforts for special needs facilities in the affected area
- _____ 1.15 Ensure behavioral health/mental health services are being provided, as necessary
- _____ 1.16 Provide for sampling and testing to ensure adequate safe drinking water, control of sewage and septic, and assistance with related environmental problems as needed

CHECKLIST 7.8: CARE AND SHELTER BRANCH – SANTA MARIA LEVEE

1. **Upon notification by County OES or related emergency organization staff, the Care and Shelter Branch - Social Services guidelines include, as necessary or requested:**
 - _____ 1.1 Coordinate with American Red Cross in determining locations, activating and managing one or more evacuation relocation shelters
 - _____ 1.2 Ensure shelter locations have been broadcast in follow up EAS messages and/or news releases
 - _____ 1.3 Ensure liaison with ARC is established, including requesting a representative at the EOC if necessary

ATTACHMENT 7.1: EAS WARNING MESSAGE – EVACUATION – SANTA MARIA LEVEE

--MESSAGE TO BE USED OVER EAS--

"Attention. This is an emergency message for San Luis Obispo County residents below Twitchell Dam and along the Santa Maria River. Notification has been received that Twitchell Dam (choose one) ***has failed / may fail***. This may cause major flooding in low lying areas below the dam along the Santa Maria River. This includes the Oso Flaco area in San Luis Obispo County.

All residents, businesses, and visitors in the following areas need to evacuate now. Evacuate to the north immediately:

- Bull Canyon Road area
- All of Cuyama Lane...and all areas at the end of Cuyama Lane
- Hutton Road south of Cuyama Lane
- All of Riverside Road...repeating...all of Riverside Road
- All areas between the Mesa bluffs and the Pacific Ocean and the Santa Maria River...repeating all areas between the Mesa bluffs and the Pacific Ocean and the Santa Maria River need to evacuate...this includes all of Oso Flaco Lake Road, Bonita School Road, Thornberry Road, and Division west of the Mesa bluffs.

You should evacuate to the house of a relative or friend outside the evacuation boundaries. When evacuating go north on any road out of the area; do not go south. Evacuation routes include northbound on either Highway 1 or Highway 101. If you know of anyone who is disabled in the evacuation area, please assist by notifying that person of this emergency. If you can provide transportation for anyone without transportation, please do so.

Please cooperate fully with public safety officials and keep tuned to your radio for further emergency broadcast messages.

END

ATTACHMENT 7.2: ROUTE ALERTING FOR SANTA MARIA LEVEE

--ROUTE ALERTING MESSAGE --

Attention! All those living below Twitchell Dam along the Santa Maria River move to high ground immediately. The Santa Maria Levee (choose one) ***has failed / may fail***. Tune to a local radio station for further information.

(Repeat as necessary.)

END

ATTACHMENT 7.3: SANTA MARIA LEVEE REVERSE 911 / TTY MESSAGE

--REVERSE 911 MESSAGE --

This is an emergency notification from the County Emergency Services Director, Santa Maria Levee (circle one) ***has failed / may fail***. The following residents need to evacuate to the north immediately: those in Bull Canyon Road, all of Cuyama Lane, Hutton Road south of Cuyama Lane, all of Riverside Road, all areas between Mesa bluffs and the Pacific Ocean and the Santa Maria River. Tune to a local radio station for further information.

END

--TTY MESSAGE --

From County Emergency Services Director: Santa Maria Levee (choose one) ***has failed / may fail*** the following need to evacuate immediately Bull Canyon Rd, Cuyama Ln, Hutton Rd south of Cuyama Ln, Riverside Rd, all areas between Mesa bluffs and the Pacific Ocean and the Santa Maria River.

END

SECTION 8: WHALE ROCK DAM

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**CHECKLIST 8.1 SHERIFF WATCH COMMANDER
INITIAL RESPONSE GUIDELINES – WHALE ROCK DAM**

1. Upon Receipt of Initial Notification of a Problem:

- _____ 1.1. If the reporting party is reliable, skip to Item 2 and begin to fill out the Actual or Potential Dam Failure Report Form. If you need to verify the report, then note initial RP information and reported condition of the dam, and go to Item 1.2:

Time:	RP:
Report on Conditions:	

- _____ 1.2 If the reported problem needs verification, condition of the dam should be obtained by any of the following methods:
- _____ 1.2.1 Red Phone (SLO City)
- _____ 1.2.2 Dispatch Sheriff's patrol unit, or other public agency resource near the dam (with communication capabilities) to survey the dam area. Consider air resources (CHP, Sheriff's Aero Squadron, Cal Fire, or U.S. Forest Service.)

2. Actual or Potential Dam Failure Report Form

(Item 2, page 1 of 4)

Date:	Time:
Notified by:	Contact info:
Agency:	Name of Dam:
Nature of Incident <div style="text-align: center;"><input type="checkbox"/> Dam Failure <input type="checkbox"/> Potential/Possible Dam Failure</div>	
Additional Details:	
Notes:	

Continue with checklist on following page

(Item 2, page 2 of 4)

Upon receipt of notification by a reliable RP or upon confirmation of a problem with the dam, this plan will be considered activated. The Watch Commander procedures to fully activate response include the following actions:

- _____ 2.1 Notify the duty Emergency Services Coordinator (ESC) of the situation: [REDACTED]
- _____ 2.2 Have dispatchers contact and alert via appropriate ringdown phone:
 - _____ 2.2.1 CHP and request: units to close Highway 1 southbound at Cayucos Drive and northbound at Old Creek Road
 - _____ 2.2.1.1 Advise that water will likely flow across the highway between Old Creek Road and the area north of 13th Street
 - _____ 2.2.1.2 Advise additional closures need to be made on:
 - _____ Pacific Avenue at North 3rd Street;
 - _____ South Ocean Avenue at North 3rd Street
 - _____ Park Avenue near Bakersfield Ave/Fresno Ave
 - _____ Studio Drive North at Old Creek Rd and at Highway
 - _____ 2.2.2 Cal Fire/County Fire and request:
 - _____ 2.2.2.1 Immediate notification of Cayucos Fire, including advising the water will likely flow across the highway and into areas between Old Creek Road and 3rd Street
 - _____ 2.2.2.2 The Emergency Alert System (EAS) system and the EWS siren system in the Cayucos area is being activated

Checklist continues on next page

(Item 2, page 3 of 4)

_____ 2.2.3 Morro Bay PD and request

_____ 2.2.3.1 Closure of Highway 1 northbound at Old Creek Road, and advise the water will likely flow across the highway and into areas between Old Creek Road and an area north of 13th Street

_____ 2.2.3.2 Advise the Emergency Alert System (EAS) system and the EWS siren system in the Cayucos area is being activated

_____ 2.3 If there is a potential for dam failure, re-contact a responsible party and get an updated condition on the dam. Specifically, ascertain if failure may be imminent.

If failure is imminent, continue with Step 2.4.

NOTE FOR 2.4: DO NOT ACTIVATE EWS SIRENS UNTIL YOU ARE READY TO FOLLOW UP WITH THE EAS MESSAGE

_____ 2.4 Activate EAS and issue warning message/evacuation order (see Attachment 8.2,) AND THEN:

_____ 2.5 Using Siren Activation Procedures, activate the following Early Warning System sirens

0901	0902	0904
0910	0914	

_____ 2.6 Confirm all sirens sounded; for sirens that did not activate, use route alerting procedures or other alert notification method located in the Siren Activation Procedures document

_____ 2.7 Advise Sheriff or alternate and request presence at EOC if activated

_____ 2.8 Request CHP helicopter and/or Sheriff's Aero Squadron or other air resources (Cal Fire, U.S. Forest Service) for aerial reconnaissance and rescue/warning assistance

Checklist continues on next page

(Item 2, page 4 of 4)

- _____ 2.9 Establish EOC access control procedures
 - 2.9.1 Note: EOC will be activated by OES
- _____ 2.10 Begin Law Branch actions (Attachment 8.4) until that position is staffed in the EOC

**CHECKLIST 8.2: DUTY EMERGENCY SERVICES COORDINATOR
INITIAL RESPONSE GUIDELINES - WHALE ROCK DAM**

Upon notification by Watch Commander, the **Duty Emergency Services Coordinator** can make additional notifications as needed.

1. Upon notification, ESC(s) will consider the following actions as needed:

- _____ 1.1 Confirm activation of EAS, if necessary
- _____ 1.2 Confirm EWS sirens using Whale Rock group have been activated, if necessary.
- _____ 1.3 If EWS has been used, confirm all sirens sounded. If all sirens did not sound:
 - _____ 1.3.1 Request Watch Commander implement route alerting procedures for failed siren area or other method of alert as appropriate
- _____ 1.4 FAX EAS evacuation message(s) to:
 - _____ 1.4.1 PSAPs
 - _____ 1.4.2 Media
- _____ 1.5 Confirm notifications have been made as listed in the Dam Failure tab of the BAG
- _____ 1.6 Confirm if Phone Assistance Center is being activated
- _____ 1.7 Confirm following agency representatives are enroute to the EOC (if not or unconfirmed, request response of a representative from the agency to the EOC):
 - _____ 1.7.1 County Public Works
 - _____ 1.7.2 Sheriff's Department
 - _____ 1.7.3 CHP
 - _____ 1.7.4 Cayucos Fire (if available)
 - _____ 1.7.5 County Fire
 - _____ 1.7.6 City of San Luis Obispo
- _____ 1.8 Consider notifying the following agencies and request a representative respond to the EOC as appropriate:

- _____ 1.8.1 Medical/Health Branch
- _____ 1.8.2 County Health Officer
- _____ 1.8.3 County Environmental Health
- _____ 1.8.4 County Communications
 - _____ 1.8.4.1 Request they activate RACES at the EOC
- _____ 1.8.5 Care and Shelter Branch
- _____ 1.8.6 County Office of Education
- _____ 1.9 Notify and advise the following agencies of the situation:
 - _____ 1.9.1 Cal OES
 - _____ 1.9.2 State Dept. of Water Resources
 - _____ 1.9.3 State DFG
 - _____ 1.9.4 U.S. Coast Guard

CHECKLIST 8.3: EMERGENCY SERVICES DIRECTOR - WHALE ROCK DAM

1. **Upon activation of the County EOC, the County ESD should evaluate the situation and take appropriate actions. Guidelines include:**
 - _____ 1.1 Receive briefing of situation from OES or PW Director
 - _____ 1.1.1 Consult with PW Director, Sheriff's Department representative, County Fire representative, CHP representative, and County EOC PIO.
 - _____ 1.2 Monitor and evaluate emergency operations.
 - _____ 1.3 Ensure public information and notifications are occurring as appropriate.
 - _____ 1.3.1 Discuss with PIO and ESCs the need to activate the JIC or phone assistance center
 - _____ 1.4 Consider proclaiming a "Local Emergency" and consider request for "State of Emergency"

CHECKLIST 8.4: LAW BRANCH - WHALE ROCK DAM

The **Law Branch** will be staffed by the Sheriff's Department and/or other law enforcement agency, as necessary.

1. In addition to initial Watch Commander procedures, Law Branch guidelines include:

- _____ 1.1 Receive briefing from the Watch Commander and/or OES staff
- _____ 1.2 Work with SHWC and OES staff on problems needing immediate attention, including evacuations and related logistics
- _____ 1.3 Work with CHP and other EOC on mutual evacuation issues, such as:
 - _____ 1.3.1 Emergency evacuation of stranded persons
 - _____ 1.3.2 Establishment of Traffic Control Points
 - _____ 1.3.3 Security for evacuated area
- _____ 1.4 Assist with interagency coordination, including mutual aid needs, for law enforcement resources
- _____ 1.5 Assist Fire Branch in search and rescue as needed
- _____ 1.6 Consider additional mutual aid to assist with resource needs
- _____ 1.7 Ensure Sheriff's Department PIO is working with the EOC PIO
- _____ 1.8 Request Animal Services to provide support as necessary for citizens going to shelters and for related animal care needs or rescue
- _____ 1.9 Consider needs for additional resources such as Sheriff's Department Dive Team, Sheriff's Search and Rescue, and/or Cal Fire/County Fire response for swift water rescue

CHECKLIST 8.5: FIRE BRANCH - WHALE ROCK**1. Fire Branch guidelines include:**

- _____ 1.1 Assist Law Branch in issuing warning message/evacuation order to areas as requested
- _____ 1.2 Utilize Evacuation Assistance List for possible evacuation of affected population
- _____ 1.3 Make sure Cal Fire/County Fire PIO(s) are coordinating information with EOC PIO
- _____ 1.4 Act as EOC liaison for Cayucos Fire if Cayucos cannot provide an EOC liaison
- _____ 1.5 Perform Interagency Coordination duties, including usual mutual aid requests and tracking needs
- _____ 1.6 Consider establishing a position to coordinate air resources (Aero squadron, CHP, Cal Fire, and other resources)

CHECKLIST 8.6: PUBLIC WORKS BRANCH - WHALE ROCK DAM**1. Public Works Branch guidelines include:**

- _____ 1.1 Respond to EOC when requested
- _____ 1.2 Coordinate with the city of San Luis Obispo to determine condition of the dam
- _____ 1.3 Close county roads as necessary and/or requested
- _____ 1.4 Provide updates on the condition of the dam to the EOC or Watch Commander
- _____ 1.5 Coordinate with the city of San Luis Obispo to conduct safety and damage assessment of dams, roads and water systems
- _____ 1.6 Coordinate road closures and related barricade/warning sign equipment distribution
- _____ 1.7 Conduct damage assessments of dams, roads and water systems
- _____ 1.8 Provide damage assessment/situation statuses to the EOC
- _____ 1.9 Advise ESD when conditions are safe for public reentry

CHECKLIST 8.7: MEDICAL/HEALTH BRANCH CHECKLIST - WHALE ROCK DAM

(Page 1 of 2)

The **Medical/Health Branch** will be staffed by the San Luis Obispo County Emergency Medical Services Agency or Health Agency.

1. Medical Branch guidelines include:

- _____ 1.1 Respond to EOC and receive briefing
- _____ 1.2 Assign staff to assist Med-Com and coordinate medical communications as necessary
- _____ 1.3 Contact private medical care facilities for evacuation coordination, if needed
- _____ 1.4 Establish contact with ambulance providers and advise them of situation
- _____ 1.5 Request staffing of off duty ambulance and other medic units as needed
- _____ 1.6 Consider activation of RDMHC System or other mutual aid
- _____ 1.7 Use ambulance move up procedures to ensure coverage of the county
- _____ 1.8 Coordinate transportation needs for other medically dependent persons
- _____ 1.9 Under direction of CHO, coordinate transportation of those patients not needing an ambulance with Transit Unit or other agency coordinating transportation resources
- _____ 1.10 Coordinate distribution of patients to surrounding hospitals
- _____ 1.11 Prepare information concerning emergency medical services for CHO, distribute to ESD and PIO.
- _____ 1.12 Provide public health nursing assistance with shelter staffing, evacuation teams, and phone inquiries as necessary
- _____ 1.13 Ensuring Medical Unit is coordinating response efforts for special needs facilities in the affected area

(Page 2 of 2)

- _____ 1.14 Ensure behavioral health/mental health services are being provided, as necessary
- _____ 1.15 Provide for sampling and testing to ensure adequate safe drinking water, control of sewage and septic, and assistance with related environmental problems, as needed

CHECKLIST 8.8: CARE AND SHELTER BRANCH - WHALE ROCK DAM

1. **Upon notification by County OES or related emergency organization staff, the Care and Shelter Branch - Social Services guidelines include, as necessary or requested:**
 - _____ 1.1 Coordinate with American Red Cross in determining locations, activating and managing one or more evacuation relocation shelters
 - _____ 1.2 Ensure shelter locations have been broadcast in follow up EAS messages and/or news releases
 - _____ 1.3 Ensure liaison with ARC is established, including requesting a representative at the EOC if necessary

ATTACHMENT 8.1: WHALE ROCK RESERVOIR INUNDATION MAP



ATTACHMENT 8.2: EAS WARNING MESSAGE – EVACUATION – WHALE ROCK

--MESSAGE TO BE USED OVER EAS--

Attention, attention.... This is the County Sheriff's Department/Emergency Services Director with an emergency message for the general public in and around the community of Cayucos, below Whale Rock Dam. Notification has been received that Whale Rock Dam (choose one) ***has failed / may fail***. This may cause major flooding and risk to life in low lying areas below the dam.

All residents, businesses and visitors in the following area need to evacuate..

- All of 13th Street and all of Cabrillo Ave. Again, all of 13th Street and all of Cabrillo Ave...people on Cabrillo Avenue north of 13th Street need to move NORTH to the north end of Cabrillo Avenue...repeating, people on Cabrillo Avenue need to move NORTH to the north end of Cabrillo Avenue....AND...
- All residents, businesses and visitors in the area north of Old Creek Road and south of 3rd Street and Park Ave also need to evacuate...repeating the area north of Old Creek Road and south of 3rd Street and Park Avenue also need to evacuate.

You should evacuate outside the affected area. Information on temporary shelters will be broadcast as soon as possible. Evacuation routes include northbound or southbound on Highway 1 and northbound on Ocean Avenue. If you know of anyone who is disabled in the evacuation area, please assist by notifying that person of this emergency. If you can provide transportation for anyone without transportation, please do so.

Please cooperate fully with public safety officials and keep tuned to your radio for further emergency broadcast messages.

END

ATTACHMENT 8.3: WHALE ROCK DAM ROUTE ALERTING MESSAGE

--ROUTE ALERTING MESSAGE--

Attention! All those living in the south end of Cayucos below Whale Rock Dam move to high ground immediately. Whale Rock Dam is failing. Tune to a local radio station for additional information and instructions.

(Repeat as necessary.)

END

ATTACHMENT 8.4: WHALE ROCK DAM REVERSE 911 / TTY MESSAGE

--REVERSE 911 MESSAGE--

This is the County Sheriff's Department/Emergency Services Director with an emergency message. Notification has been received that Whale Rock Dam (choose one) ***has failed / may fail*** the following residents need to evacuate immediately: all of 13th Street and Cabrillo Ave, and those north of Old Creek Road and south of 3rd Street and Park Ave. Tune to your local radio station for further information.

END

--TTY MESSAGE--

From the Emergency Services Director: Whale Rock Dam has failed All of 13th St. & Cabrillo Ave, and those north of Old Creek Rd. & south of 3rd Street and Park Ave need to evacuate immediately.

END

SECTION 9: NACIMIENTO DAM

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CHECKLIST 9.1: SHERIFF WATCH COMMANDER INITIAL RESPONSE GUIDELINES – NACIMIENTO DAM

Note: Primary response to a failure or related problem with Nacimiento Dam is a Monterey county responsibility. Salinas Communications should notify you of a failure related problem however due to the dam being located within our county, there are issues we should address, including possibility that an initial report of a problem by a non-Monterey County official may be directed to SLO Sheriff's Department. As a result, these checklists provide basic guidance on initial response actions to a failure or related problem with Nacimiento Dam. A copy of Monterey County's Emergency Action Plan is included in the dam failure section (section 2) of the Watch Commander's Basic Activation Guide for Emergency Services Non-Diablo Canyon Incidents.

1. Upon Receipt of Initial Notification of a Problem:

- _____ 1.1. If the reporting party is reliable, skip to Item 2 and begin to fill out the Actual or Potential Dam Failure Report Form. If you need to verify the report, then note initial RP information and reported condition of the dam, and go to Item 1.2:

Time:	RP:
Report on Conditions:	

- _____ 1.2 If the reported problem needs verification, condition of the dam should be obtained by any of the following methods:

- _____ 1.2.1 Contact Monterey County via Salinas Communications Center at [REDACTED]; or Water Resource at [REDACTED] (during business hours) or [REDACTED] (24 hours) and, if necessary, the Reservoir Operator Residence at [REDACTED] or Power Plant Office at [REDACTED]

- _____ 1.2.2 Request Cal Fire/County Fire or other public agency resource near the dam (with communication capabilities) to survey the dam area. Consider air resources (CHP, Sheriff's Aero Squadron, Cal Fire, or U.S. Forest Service.)

2. Actual or Potential Dam Failure Report Form

(Item 2, page 1 of 3)

Date:	Time:
Notified by:	Contact info:
Agency:	Name of Dam:
Nature of Incident <div style="text-align: center;"><input type="checkbox"/> Dam Failure <input type="checkbox"/> Potential/Possible Dam Failure</div>	
Additional Details:	
Notes:	

Continue with checklist on following page

(Item 2, page 2 of 3)

Upon receipt of notification by a reliable RP or upon confirmation of a problem with the dam, this plan will be considered activated. The Watch Commander procedures to fully activate response include the following actions:

- _____ 2.1 Contact the duty Emergency Services Coordinator (ESC) and advise of the situation at [REDACTED]
- _____ 2.2 Have dispatchers contact and alert via appropriate ringdown phone:
 - _____ 2.2.1 Red Phone
 - _____ 2.2.2 CHP and request, if necessary CHP units to close Nacimiento Drive at the entrance to the commercial campground north of the dam, and, if possible, at Nacimiento Drive and Interlake Road
 - _____ 2.2.3 Cal Fire/County Fire and advise and request:
 - _____ 2.2.3.1 Immediate inspection of dam, as needed
 - _____ 2.2.3.2 Closure of Nacimiento Drive at the entrance to the commercial campground north of the dam and closure of Nacimiento Drive at Interlake Road until they can be relieved by CHP or County Roads
 - _____ 2.2.3.3 Notification of San Miguel Fire
- _____ 2.3 If there is a potential for dam failure, re-contact a responsible and get an updated condition on the dam. Specifically, ascertain if failure may be imminent.

If dam failure is occurring or is imminent, proceed with Step 2.4

- _____ 2.4 Activate EAS and issue warning message/evacuation order (Attachment 8.2)
- _____ 2.5 Advise Sheriff or alternate and request presence at EOC if activated
- _____ 2.6 Request CHP helicopter and/or Sheriff's Aero Squadron or other air resources (Cal Fire, U.S. Forest Service) for aerial reconnaissance and rescue/warning assistance

Checklist continues on next page

(Item 2, page 3 of 3)

- _____ 2.7 Establish EOC access control procedures
 - 2.7.1 Note: EOC will be activated by OES
- _____ 2.8 Consider bringing in additional Sheriff's Department staff to assist both in the field and Control 20 or SHWC, as needed
- _____ 2.9 Continue to coordinate with Salinas Communications Center as needed, including providing resources as available and as requested by Monterey County

End of checklist

**CHECKLIST 9.2: DUTY EMERGENCY SERVICES COORDINATOR
INITIAL RESPONSE GUIDELINES - NACIMIENTO DAM**

Upon notification by Watch Commander, the **Duty Emergency Services Coordinator** can make additional notifications as needed.

1. **Upon notification, ESC(s) will consider the following actions as needed:**

- _____ 1.1 Confirm if EAS was activated, if necessary
- _____ 1.2 If EAS has not been activated, activate and read EAS message (see Attachment 8.1)
- _____ 1.3 Establish a liaison contact with/for Monterey County OES
- _____ 1.4 FAX EAS evacuation message(s) to:
 - _____ 1.4.1 PSAPs (CHP, Cal Fire ECC, Salinas Communications Center/Monterey County OES)
 - _____ 1.4.2 Media
- _____ 1.5 Make additional notifications as deemed necessary, keeping in mind the dam is a Monterey County facility
- _____ 1.6 Obtain a public information telephone number for the media and the public from Monterey County
- _____ 1.7 Consider staffing public information lines at EOC in PIO Room or activating the PAC
- _____ 1.8 Continue with liaison and Interagency Coordination with Monterey County OES, including providing resources as requested and available
- _____ 1.9 Keep ESD and related persons updated

ATTACHMENT 9.1: NACIMIENTO DAM INUNDATION MAP



ATTACHMENT 9.2: EAS WARNING MESSAGE – NACIMIENTO DAM

--MESSAGE TO BE USED OVER EAS--

Attention. This is the San Luis Obispo County Sheriff's Department/Emergency Services Director with an emergency message for the general public in and around Nacimiento Dam. Nacimiento Dam (choose one) ***has failed / may fail.***

If you are driving on Nacimiento Lake Road...DO NOT...drive near or on the dam...repeating...stay away from Nacimiento Dam.

If you are on the water at Lake Nacimiento...stay as far away from the dam as possible and take your boat ashore or dock immediately...repeating if you are on the water at Lake Nacimiento take your boat ashore or dock immediately.

For people in and near the community of San Miguel, Leave the area immediately - it is possible that flood waters could reach and flood the community of San Miguel. Head southbound on U.S. 101

Tune to a local radio station for additional information.

END

ATTACHMENT 9.3: ROUTE ALERTING FOR NACIMIENTO DAM

--ROUTE ALERTING MESSAGE--

Attention! Nacimiento Dam (choose one) ***has failed / may fail*** it is possible flood waters could reach the community. Evacuate immediately. Tune to your local radio station for additional information.

(Repeat as necessary)

END

--LAKE ROUTE ALERTING--

Attention! Nacimiento Dam ***has failed / may fail*** take your boat ashore or dock immediately. Stay away from the Dam.

(Repeat as necessary)

END

ATTACHMENT 9.4: NACIMIENTO DAM REVERSE 911 / TTY MESSAGE

--REVERSE 911 MESSAGE--

This is the County Sheriff's Department/Emergency Services Director with an emergency message. Nacimiento Dam (choose one) has **failed / may fail**. It is possible flood waters to reach the community of San Miguel. Evacuate immediately. Tune to a local radio station for additional information.

END

--TTY MESSAGE--

Emergency Msg from County Sheriff's Department/Emergency Services Director.
Nacimiento Dam (choose one) **may fail / has failed**. Possible for flood waters to reach the community of San Miguel. Evacuate immediately.

END

SECTION 10: BASIC GUIDANCE FOR DAM FAILURES NOT SPECIFICALLY COVERED BY THIS PLAN

Note: Specific dams are covered in this plan is due to known hazards to people and/or human improvements in the inundation path below each dam. Guidance for small private dams within the county that pose no significant threat to life or property yet may require response from public safety officials should a problem occur are provided in this section.

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**CHECKLIST 10.1: SHERIFF WATCH COMMANDER
INITIAL RESPONSE GUIDELINES - GENERIC****1. Upon Receipt of Initial Notification of a Problem:**

- _____ 1.1. If the reporting party is reliable, skip to Item 2 and begin to fill out the Actual or Potential Dam Failure Report Form. If you need to verify the report, then note initial RP information and reported condition of the dam, and go to Item 1.2:

Time:	RP:
Report on Conditions:	

- _____ 1.2 If the reported problem needs verification, condition of the dam should be obtained by any of the following methods or using any other method available to the Watch Commander:
- _____ 1.2.1 Dispatch Sheriff's patrol unit, or other public agency resource near the dam (with communication capabilities) to survey the dam area. Consider air resources (CHP, Sheriff's Aero Squadron, Cal Fire, or U.S. Forest Service.)

2. Actual or Potential Dam Failure Report Form

(Item 2, page 1 of 2)

Date:	Time:
Notified by:	Contact info:
Agency:	Name of Dam:
Nature of Incident <div style="text-align: center;">_____ Dam Failure _____ Potential/Possible Dam Failure</div>	
Additional Details:	
Notes:	

Continue with checklist on following page

(Item 2, page 2 of 2)

Upon receipt of notification by a reliable RP or upon confirmation of a problem with the dam, this plan will be considered activated. The Watch Commander procedures to fully activate response include the following actions:

- _____ 2.1 Contact the duty Emergency Services Coordinator (ESC) and advise of the situation at [REDACTED].
- _____ 2.2 Request the closest public agency near the dam in question to survey the dam area.
 - _____ 2.2.1 Dispatch a Sheriff's Department unit to provide a report on conditions and act as a liaison
- _____ 2.3 In addition to a general report on conditions, instruct resources at scene to survey the area below and downstream from the dam to determine what effect a failure will have on the area
- _____ 2.4 Take actions as needed based on initial report on conditions from field units or a reliable RP. Such actions may include, as needed:
 - _____ 2.4.1 Evacuating people and/or livestock that could be affected by failure of the dam
 - _____ 2.4.2 Closure of roads in the affected area
- _____ 2.5 Have dispatchers contact and alert via appropriate ringdown phone other jurisdictions or agencies that may have a response role or be able to assist. Such agencies may include:
 - _____ 2.5.1 Red Phone
 - _____ 2.5.2 County Public Works
 - _____ 2.5.3 State Police
 - _____ 2.5.4 CHP
- _____ 2.6 Take additional actions as you deem necessary

**CHECKLIST 10.2: DUTY EMERGENCY SERVICES COORDINATOR
INITIAL RESPONSE GUIDELINES - GENERIC**

Upon notification by Watch Commander, the **Duty Emergency Services Coordinator** can make additional notifications as needed.

1. **Upon notification, ESC(s) will consider the following actions as needed:**

- _____ 1.1 Confirm SHWC has resources at scene or enroute
- _____ 1.2 Coordinate actions with SHWC and use SHWC checklist for guidance on additional actions
- _____ 1.3 Make notifications as deemed appropriate, including to any entities that could be affected by failure of the dam.
- _____ 1.4 Consider notifying the following agencies:
 - _____ 1.4.1 Red Phone agencies
 - _____ 1.4.2 Cal OES
- _____ 1.5 Determine if evacuation of the area downstream would require additional support, such as:
 - _____ 1.5.1 Resources to move and/or shelter animals, including livestock
 - _____ 1.5.2 Public information needs
 - _____ 1.5.3 Special resources such as four wheel drive vehicles
- _____ 1.6 Continue coordination with SHWC and other agencies as needed
- _____ 1.7 Take additional actions as you deem necessary

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PREFACE

The following pages of this plan contain checklists and attachments which cover initial response guidelines for an issue with the Arroyo Grande Creek Levee.

As an overall emergency management and coordination document, this plan generally does not address specific field response actions by public safety, public works, and related agencies. Agencies responsible for specific field response actions and other duties should develop and/or maintain response plans and/or procedures specific to their roles. Such plans and/or procedures should be consistent with this document and NIMS/SEMS.

The following attachments provide guidelines for initial emergency management response activities, as well as general guidance for positions which may be staffed in the Emergency Operations Center or a related facility, such as a Department Operations Center.

If imminent levee failure is possible, the Sheriff's Watch Commander may immediately proceed with any necessary actions to protect public health and safety prior to making notifications or other actions listed in this plan.

The Arroyo Grande Creek levee is located in the South County, starting approximately at its confluence with Los Berros Creek, just upstream of Highway 1 and running west for 3 miles to the Pacific Ocean.

CHECKLIST 11.1: SHERIFF'S WATCH COMMANDER INITIAL RESPONSE GUIDELINES – AG CREEK LEVEE

Public Works has developed procedures for operation and maintenance of Arroyo Grande Creek Levees and facilities during periods of expected flood emergencies for three storm stages: Pre-storm flow, Full-storm flow, and Post-storm flow. Checklists included cover the SHWC's response to each storm stage. Upon notification from Public Works or OES of any stage being reached, review the plan and be ready to assist as needed with public notifications, resources, etc.

Based on the situation, different areas near the levee may be affected. See map and clarify which areas need to be alerted or evacuated.

1. Upon Receipt of Initial Notification of a Problem at the AG Creek Levee:

Time:	RP:
Report on Conditions:	

- _____ 1.1 If notification is received from Public Works (PW) or OES of a pre-storm flow stage, review the plan and be prepared to assist as needed with public notifications, resource requests, etc.
 - _____ 1.1.1 Contact the Sheriff to notify of the situation.
- _____ 1.2 If the reporting party is a reliable source outside of PW/OES, skip to Item 2 and begin to fill out the Full Storm Stage, Potential, or Actual Levee Failure Report form.
- _____ 1.3 If the report needs to be verified, note initial RP information and the reported condition of the levee, and continue with checklist. Contact any of the following agencies for verification:
 - _____ 1.3.1 County Public Works at [REDACTED] or after hours contact.
 - _____ 1.3.2 Red Phone Agencies.
 - _____ 1.3.3 Sheriff's patrol unit, or other public agency resource near the levee. Direct them to survey the levee area. Consider using air resources, if appropriate.

2. Full Storm Stage, Potential, or Actual Levee Failure Report Form

(Item 2, page 1 of 4)

Date:	Time:
Notified by:	Contact info:
Agency:	Levee/Location:
Nature of Incident <div style="margin-left: 100px;"> <input type="checkbox"/> Notification or Pre-Storm Flow Stage <input type="checkbox"/> Notification of Full Storm Flow Stage <input type="checkbox"/> Levee Failure <input type="checkbox"/> Potential/Imminent Levee Failure <input type="checkbox"/> Planned Levee Breach </div>	
Additional Details:	
Public Notifications: <div style="margin-left: 100px;"> <input type="checkbox"/> Sirens <input type="checkbox"/> Reverse 911 <input type="checkbox"/> Route Alerting </div>	
Potentially Affected Areas: <div style="margin-left: 100px;"> <div style="display: flex; justify-content: space-between; width: 80%;"> <input type="checkbox"/> None <input type="checkbox"/> Lagoon Area* </div> <div style="display: flex; justify-content: space-between; width: 80%;"> <input type="checkbox"/> South of Levee* <input type="checkbox"/> North of levee* </div> <input type="checkbox"/> Both Sides of Levee* </div> <div style="text-align: right; margin-top: 20px;"> *See map as needed </div>	

Continue with checklist on following pages

(Item 2, page 2 of 4)

Upon receipt of reliable notification, or at Full Storm Phase Flow, this plan will be considered activated.

- _____ 2.1 Based on request from Public Works or OES, be prepared should a levee failure occur. EAS or Reverse 911 messages and sirens should be readied if failure is imminent (see Attachments 11.1- 11.4 for sample EAS messages) EAS **must** be activated prior to sounding sirens. Be prepared should these systems be needed.
- _____ 2.2 Identify if deputies are needed on scene or for route alerting.
- _____ 2.3 Ensure County OES is kept informed of the situation. Duty line: [REDACTED]. Request assistance if any actions (such as notifications or evacuations) are going to be taken.
- _____ 2.4 Contact the Sheriff to notify/update of the situation.
- _____ 2.5 Notify the following agencies of the situation using the information received, and also advise them of any actions being taken, such as evacuations and notifications. Request any relevant information.
 - _____ 2.5.1 Red Phone Agencies
 - _____ 2.5.2 State Parks
- _____ 2.6 Request CHP shutdown Highway 1 in Oceano, as appropriate.
- _____ 2.7 Ensure any actions (i.e., notifications, evacuations) are coordinated with Five Cities Fire (north of levee) and Cal Fire (south of levee).
- _____ 2.8 **If levee failure is imminent**, public notifications and evacuations are essential. Use the sirens and the EAS system to alert residents to evacuate.
 - _____ 2.8.1 Alert Red Phone agencies of this action.
 - _____ 2.8.2 Verify affected areas. South/North of levee, lagoon, or any combination thereof.

Checklist continues on next page

(Item 2, page 3 of 4)

- _____ 2.8.3 Issue message/evacuation order and activate EAS (see Attachments 11.1- 11.4, for sample EAS messages). EAS **must** be activated prior to sounding sirens.
- _____ 2.8.4 Activate the Early Warning System (EWS) sirens for Arroyo Grande Creek area, which are a total of nine (9) sirens;

These are the siren numbers:

0608	1001	1002
1004	1006	1008
1204	1210	1218

- _____ 2.8.5 Provide route alerting to evacuate affected area, as is safe to do so.
- _____ 2.8.6 Request assistance for the continued use of the EAS system. Repeatedly activate and read all Arroyo Grande Creek Levee EAS messages. OES staff can assist.
- _____ 2.8.7 Request CHP shutdown of Highway 1 in Oceano.
- _____ 2.8.8 Request CHP helicopter and/or Sheriff's Aero Squadron or other air resources (Cal Fire, U.S. Forest Service) for aerial reconnaissance and assistance.
- _____ 2.9 **If Public Works needs to manually breach the levee:**
- _____ 2.9.1 Emergency Services Director Approval is required. If SHWC is the acting ESD, such approval may be given if situation needs immediate attention. If SHWC is not ESD, ensure request to breach levee is directed to ESD.
- _____ 2.9.2 Ensure evacuations of potentially affected areas have been conducted. Use all public alert and notification systems available.

Checklist on next page

(Item 2, page 4 of 4)

- _____ 2.9.3 Ensure potentially affected roads have been closed.
- _____ 2.9.4 Request staging of Swift Water Rescue personnel from County Fire.
- _____ 2.9.5 Ensure the following notifications are made:
 - _____ 2.9.5.1 County OES
 - _____ 2.9.5.2 Red Phone Agencies
 - _____ 2.9.5.3 State Parks
- _____ 2.9.6 Continue to monitor situation and assist as necessary.
- _____ 2.10 Keep OES updated and request any assistance needed.
- _____ 2.11 Establish EOC access control procedures
 - 2.11.1 Note: EOC will be activated by OES
- _____ 2.12 Request on-duty dispatchers call in additional dispatch and patrol staff as needed
- _____ 2.13 Begin Law Branch actions (see Checklist 11.4) until the position is staffed in the EOC

End of checklist

**CHECKLIST 11.2: DUTY EMERGENCY SERVICES COORDINATOR–
INITIAL RESPONSE GUIDELINES – ARROYO GRANDE CREEK LEVEE**

Upon notification by Watch Commander or Public Works, the **Duty Emergency Services Coordinator** can make additional notifications as needed.

1. Upon notification, ESC(s) will consider the following actions as needed:
 - _____ 1.1 Obtain status of levee, any current flooding, future forecast, and any actions taken such as evacuations.
 - _____ 1.1.1 Obtain situational information from affected jurisdictions and request they keep SHWC or OES abreast of any issues.
 - _____ 1.2 Review plans with SHWC to ensure coordinated response.
 - _____ 1.3 Establish communications with Utilities Division Manager or UDOC to offer assistance.
 - _____ 1.3.1 Respond to UDOC, PWDOC or EOC, to help as appropriate.
 - _____ 1.4 If a manual breach of the levee is being considered:
 - _____ 1.4.1 Ensure ESD is involved in the process.
 - _____ 1.4.2 Ensure proper safety measures have been conducted, evacuations have been completed, and a swift water rescue team is in place prior to breach.
 - _____ 1.5 Obtain and review a copy of Public Works AG Levee Failure Plan.
 - _____ 1.6 Assist Public Works with acquisitions of equipment for flood fight, levee repair, etc., as requested.
 - _____ 1.7 Identify if evacuations are necessary or may become necessary.
 - _____ 1.7.1 Verify if EWS sirens, Route Alerting, or Reverse 911 for Arroyo Grande Creek Levee area have been activated. If no activation has taken place, prepare for activation.
 - _____ 1.7.2 If EWS sirens were used, confirm sirens sounded. Request route alerting be utilized in any areas of siren failures.
 - _____ 1.7.3 If EAS was activated, provide assistance to Watch Commander for continued activation.

- _____ 1.7.4 FAX EAS evacuation message to PSAPs and the media.
 - _____ 1.7.5 If time allows, ensure Reverse 911, EAS messages are prepared with updated information.
 - _____ 1.8 Confirm all necessary notifications have been made.
 - _____ 1.9 Provide an update to ESD, including information regarding levee, weather and expected forecasts, responder actions and public protective actions being taken.
 - _____ 1.10 Consider activation of the Phone Assistance Center for public information.
 - _____ 1.11 Ensure interagency coordination of any issues or actions.
 - _____ 1.12 Consider a partial or full activation of the EOC to assist with coordination.
 - _____ 1.12.1 County Public Works
 - _____ 1.12.2 Sheriff's Department
 - _____ 1.12.3 CHP
 - _____ 1.12.4 County Fire
 - _____ 1.12.5 State Parks
 - _____ 1.12.6 County Health Officer
 - _____ 1.12.7 County Environmental Health
 - _____ 1.12.8 County Office of Education
 - _____ 1.12.9 County Communications
 - 1.12.9.1 Request they activate RACES at the EOC
 - _____ 1.12.10 Care and Shelter Branch / American Red Cross
 - _____ 1.12.11 Utilities as appropriate
 - _____ 1.12.12 Others as appropriate
 - _____ 1.13 Ensure the following have been advised of the situation:
 - _____ 1.13.1 Cal OES

_____ 1.14 While the following have likely been notified by PW, ensure they have been advised:

_____ 1.14.1 South County Sanitation District

_____ 1.14.2 Oceano CSD

_____ 1.14.3 State Dept. of Water Resources

_____ 1.14.4 Union Pacific Railroad

CHECKLIST 11.3: EMERGENCY SERVICES DIRECTOR - ARROYO GRANDE CREEK LEVEE

1. Upon notification of potential or likely failure of the AG Levee, the County ESD should consult with the County Public Works director to evaluate the situation and take appropriate actions. Guidelines include:
 - _____ 1.1 Receive briefing of situation from OES or PW Director.
 - _____ 1.2 Monitor and evaluate emergency operations. Identify the status of the levee, including potential for overtopping, failure, or possibility of manual breach.
 - _____ 1.2.1 If manual breach is being considered, discuss with PW Director. Discuss the operation, benefits, risks and approval process.
 - _____ 1.2.1.1 The authority to manually breach the levee may be delegated to the Public Works Director as deemed appropriate by the ESD.
 - _____ 1.2.1.2 If manual breach will be conducted, ensure evacuations of potentially affected areas have been completed and proper precautions have been put in place for the safety of emergency responders and the public.
 - _____ 1.3 Discuss with OES on the current EOC activation status and ensure proper agencies are responding or are being kept informed of situation.
 - _____ 1.4 Ensure public information and notifications are occurring as appropriate.
 - _____ 1.4.1 Discuss with PIO and ESCs the need to activate the JIC or phone assistance center
 - _____ 1.5 Consider proclaiming a "Local Emergency" and consider request for "State of Emergency"

CHECKLIST 11.4: LAW BRANCH - ARROYO GRANDE CREEK LEVEE

The **Law Branch** will be staffed by the Sheriff's Department and/or other law enforcement agency, as necessary.

1. In addition to initial Watch Commander procedures, Law Branch guidelines include:

- _____ 1.1 Receive briefing from the Watch Commander and/or OES staff
- _____ 1.2 Work with SHWC and OES and/or other agencies/staff on problems needing immediate attention, including evacuation and related logistics.
- _____ 1.3 Work with CHP, Cal Fire, Five Cities Fire and other EOC staff on mutual evacuation issues. Ensure affected jurisdictions are kept informed.
 - _____ 1.3.1 Emergency evacuation of stranded persons
 - _____ 1.3.2 Establishment of Traffic Control Points
 - _____ 1.3.3 Security for evacuated area
- _____ 1.4 Request CHP stop traffic on southbound South Halcyon Road at the Pike and southbound Highway 1 traffic at Grand Avenue and northbound Halcyon traffic at Mesa View in order to close Highway 1 and Halcyon in the Oceano area. Coordinate with Command Post, if activated.
- _____ 1.5 Assist with interagency coordination, including mutual aid needs, for law enforcement resources.
- _____ 1.6 Consider additional mutual aid to assist with resource needs
- _____ 1.7 Ensure Sheriff's Department PIO is working with the EOC PIO
- _____ 1.8 Request Animal Services to provide support as necessary for citizens going to shelters and for related animal care needs or rescue
- _____ 1.9 Consider needs for additional resources such as Sheriff's Department Dive Team, Sheriff's Search and Rescue, and/or Cal Fire/County Fire response for swift water rescue

CHECKLIST 11.5: FIRE BRANCH - ARROYO GRANDE CREEK LEVEE

The **Fire Branch** will be staffed by Cal Fire/County Fire

1. Fire Branch guidelines include:

- _____ 1.1 Assist Law Branch in issuing warning message/evacuation order to areas as requested
- _____ 1.2 Utilize the Evacuation Assistance List to identify the affected population that may require assistance; remind/advise other fire agencies to do the same.
- _____ 1.3 Perform Interagency Coordination duties, including usual mutual aid requests and tracking needs
- _____ 1.4 Coordinate search and rescue, including resources such as swift water rescue personnel, in conjunction with Law Branch
- _____ 1.5 Consider establishing a position to coordinate air resources (Aero squadron, CHP, Cal Fire, and other resources
- _____ 1.6 Assist with establishment of a field ICP at a location favorable for the incident.

**CHECKLIST 11.6: PUBLIC WORKS BRANCH – ARROYO GRANDE. CREEK
LEVEE****1. Public Works Branch guidelines include:**

- _____ 1.1 Respond to the EOC, report to the Ops Section Chief or designee.
- _____ 1.2 Provide updates on the condition of the levee.
- _____ 1.3 Coordinate road closures and related barricade/warning sign equipment distribution
- _____ 1.4 Conduct damage assessments of dams, roads and water systems
- _____ 1.5 Provide damage assessment/situation statuses to the EOC
- _____ 1.6 Advise ESD when conditions are safe for public reentry

CHECKLIST 11.7: MEDICAL/HEALTH BRANCH CHECKLIST – ARROYO GRANDE CREEK LEVEE

(page 1 of 2)

1. Medical/Health Branch guidelines include:

- _____ 1.1 Check in with Ops Section Chief or designee and receive briefing.
- _____ 1.2 Confirm Arroyo Grande Hospital has been notified.
- _____ 1.3 Assign staff to assist Med-Com and coordinate medical communications as needed
- _____ 1.4 Establish contact with acute care hospitals in the county and explain situation
 - _____ 1.4.1 Consider the need to advise northern Santa Barbara County acute care hospitals
- _____ 1.5 Contact private medical care facilities for evacuation coordination, if needed
- _____ 1.6 Establish contact with all ambulance providers and explain situation
- _____ 1.7 Request staffing of off duty ambulance and other medic units as needed
- _____ 1.8 Consider activation of RDMHC System or other mutual aid
- _____ 1.9 Use ambulance move up procedures ensure coverage of the county
- _____ 1.10 Coordinate transportation needs for other medically dependent persons
- _____ 1.11 Under direction of CHO, coordinate transportation of patients not needing an ambulance with county Public Works or other agency coordinating transportation resources
- _____ 1.12 Coordinate distribution of patients to surrounding hospitals
- _____ 1.13 Prepare information concerning emergency medical services for CHO, and for distribution to ESD and PIO.
- _____ 1.14 Provide public health nursing assistance with shelter staffing, evacuation teams, and phone inquiries as necessary

Checklist continues on next page

(page 2 of 2)

- _____ 1.15 Coordinate response efforts for special needs facilities in the affected area
- _____ 1.16 Ensure behavioral health/mental health services are being provided, as necessary
- _____ 1.17 Provide for sampling and testing to ensure adequate safe drinking water, control of sewage and septic, and assistance with related environmental problems as needed

End of checklist

CHECKLIST 11.8: CARE AND SHELTER BRANCH - ARROYO GRANDE CREEK

1. **Upon notification by County OES or related emergency organization staff, the Care and Shelter Branch - Social Services guidelines include, as necessary or requested:**
 - _____ 1.1 Coordinate with American Red Cross in determining locations, activating and managing one or more evacuation relocation shelters
 - _____ 1.2 Ensure shelter locations have been broadcast in follow up EAS messages and/or news releases
 - _____ 1.3 Ensure liaison with ARC is established, including requesting a representative at the EOC if necessary

**ATTACHMENT 11.1: EAS MESSAGE- EVACUATION ORDER ISSUED FOR
RESIDENTS NORTH OF ARROYO GRANDE CREEK CHANNEL**

Message to be used over EAS:

This is an Emergency Alert System message for the general public near the Arroyo Grande Creek Channel. The Arroyo Grande Creek Channel (circle one) ***may fail / has failed***. This could cause major flooding and risk to life in low lying areas adjacent to the channel. The Sheriff's Department and Emergency Officials are advising residents and businesses in low lying areas along Arroyo Grande Creek, including the Oceano area to evacuate immediately. Repeating, those individuals along the Arroyo Grande Creek should evacuate to higher ground immediately.

THE AREAS THAT NEED TO EVACUATE OR MOVE TO HIGHER GROUND INCLUDE:

All Areas north of the Arroyo Grande Creek Channel and south of Beach St.; north of the Arroyo Grande Creek Channel west of 19th St south of Ocean St; south of Pier Ave and west of Highway 1 should evacuate to higher ground now.

Repeating: All Areas north of the Arroyo Grande Creek Channel and south of Beach St.; north of the Arroyo Grande Creek Channel west of 19th St south of Ocean St; south of Pier Ave and west of Highway 1 should evacuate to higher ground now.

END

**ATTACHMENT 11.2: EAS MESSAGE-EVACUATION ORDER ISSUED FOR
RESIDENTS SOUTH OF THE ARROYO GRANDE CREEK CHANNEL**

Message to be used over EAS:

This is an Emergency Alert System message for the general public near the Arroyo Grande Creek Channel. The Arroyo Grande Creek Channel (circle one) ***may fail / has failed***. This could cause major flooding and risk to life in low lying areas adjacent to the channel. The Sheriff's Department and Emergency Officials are advising residents and businesses in low lying areas along Arroyo Grande Creek, including the Oceano area to evacuate immediately.

THE AREAS THAT NEED TO EVACUATE OR MOVE TO HIGHER GROUND
INCLUDE:

All areas south of Arroyo Grande Creek Channel for one mile, and west of Highway 1.

Repeating: All areas south of Arroyo Grande Creek Channel for one mile, and west of Highway 1 should evacuate to higher ground now.

END

**ATTACHMENT 11.3: EAS MESSAGE- EVACUATION ORDER ISSUED FOR
RESIDENTS BOTH NORTH AND SOUTH OF THE ARROYO GRANDE CREEK
CHANNEL**

Message to be used over EAS:

This is an Emergency Alert System message for the general public near the Arroyo Grande Creek Channel. The Arroyo Grande Creek Channel (circle one) ***may fail / has failed***. This could cause major flooding and risk to life in low lying areas adjacent to the channel. The Sheriff's Department and Emergency Officials are advising residents and businesses in low lying areas along Arroyo Grande Creek, including the Oceano area to evacuate immediately. Repeating, those individuals along the Arroyo Grande Creek should evacuate to higher ground immediately.

THE AREAS THAT NEED TO EVACUATE OR MOVE TO HIGHER GROUND
INCLUDE:

All areas south of the Arroyo Grande Creek Channel for one mile and west of Highway 1. In addition: All areas north of the Arroyo Grande Creek Channel and south of Beach St; North of the Arroyo Grande Creek Channel west of 19th St south of Ocean St; South of Pier Ave and West of Highway 1.

Repeating: All areas south of the Arroyo Grande Creek Channel for one mile and west of Highway 1. In addition: All areas north of the Arroyo Grande Creek Channel and south of Beach St; North of the Arroyo Grande Creek Channel west of 19th St south of Ocean St; South of Pier Ave and West of Highway 1 should evacuate to higher ground now.

END

ATTACHMENT 11.4: GENERIC EAS AND ROUTE ALERTING MESSAGES- ARROYO GRANDE CREEK LEVEE FAILURE

--FOR IMMEDIATE MESSAGE/ORDER--

Attention! All those living near or along the Arroyo Grande Creek Levee move to high ground immediately. The Arroyo Grande Creek Levee is failing. Follow directions of police officers and other public safety officials. Turn on your radio to a local station that is broadcasting emergency information and listen for additional information.

(Repeat as necessary)

--FOR ROUTE ALERTING USE--

Attention! There is a problem with the Arroyo Grande Creek Levee and this area may be flooded. Evacuate this area now. Turn your AM/FM radio for additional information and instructions...Repeating...There is a problem with Arroyo Grande Creek Levee and this area may be flooded. Evacuate this area now. Turn on your AM/FM radio for additional information and instructions.

END

DAM AND LEVEE FAILURE PLAN	San Luis Obispo County
Part Six, Section Twelve: Proclamation and Request for State of Emergency Declaration	February 2016

SECTION 12: PRESCRIPTED PROCLAMATION OF LOCAL AND REQUEST FOR GOVERNOR TO DECLARE A STATE OF EMERGENCY

The following pages contain ready to complete Proclamation of Local Emergency and Request to Governor to Declare a State of Emergency documents.

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**PROCLAMATION OF LOCAL EMERGENCY BY DIRECTOR OF EMERGENCY
SERVICES**

I, _____, Director of Emergency Services of the County of San Luis Obispo, State of California, hereby find and determine that there exists a condition of extreme peril to the safety of persons and property within that area of the County of San Luis Obispo described as follows: entire county; because of the existence therein of the following conditions:

And, further, I do hereby find and determine that the condition or conditions set forth herein-above in this Proclamation currently exist within said area of the County of San Luis Obispo and are likely to be beyond the control of the services, personnel, equipment and facilities of the County of San Luis Obispo and require the combined forces of other political subdivisions to combat. These conditions are not a result of labor controversy.

Now, therefore, I do hereby PROCLAIM A LOCAL EMERGENCY in that area of the County of San Luis Obispo described as follows: entire county; all pursuant to the California Emergency Services Act (starting with Government Code Section 8550) and to Chapter 2.80 of Title 2 of the San Luis Obispo County Code.

In furtherance of this Proclamation of Local Emergency, there is hereby invoked within the above-described area of the County of San Luis Obispo, all of the powers and mechanisms set forth in the California Emergency Services Act and in the San Luis Obispo County Code Chapter 2.80, as said powers and mechanisms may be hereafter be used by authorized personnel of the County of San Luis Obispo.

It is hereby ordered that a copy of this Proclamation of Local Emergency shall be posted on all outside public access doors of the County Government Center and in one public place within any area of the County of San Luis Obispo within which this Proclamation applies, and that personnel of said county shall endeavor to make copies of this Proclamation available to news media.

This Proclamation of Local emergency shall be effective _____, and shall be ratified by the Board of Supervisors within seven days. The Board of Supervisors shall review the need for continuing the local emergency at least every fourteen days, unless further extended, or unless sooner terminated.

Dated:

Time:

County Administrative Officer and Director of Emergency Services

REQUEST TO GOVERNOR TO DECLARE A STATE OF EMERGENCY

To the Honorable _____, GOVERNOR OF THE STATE OF
CALIFORNIA:

I, _____, Director of Emergency Services of the County of San Luis Obispo,
State of California, do hereby request that you make a finding that there exists in the
area of the County of San Luis Obispo described as follows: entire county; a condition of
extreme peril within the meaning of Section 85588 of the Government Code of the State
of California, because of the existence therein of the following conditions:

The conditions currently exist within said area of the County of San Luis Obispo and are
likely to be beyond the control of the services, personnel, equipment and facilities of the
County of San Luis Obispo and require the combined forces of other political
subdivisions to combat. These conditions are not a result of labor controversy.

This is a request that after making the above said finding, you make a Proclamation of a
State of Emergency pursuant to Section 8625 of said Code effective. I also request that
you, as the Governor, and pursuant to Section 8626 of said Code direct the employment
of State personnel and equipment.

Also, I request that you, as the Governor, request a Presidential Declaration of
Emergency in San Luis Obispo County.

Also, I request that you, as the Governor, and pursuant to Section 8627 of the
Government Code of the State of California, order to become effective (insert date and
time) _____ the regulations and orders placed into effect
pursuant to a proclamation of Local Emergency.

Dated:

Time:

County Administrative Officer and Director of Emergency Services